User Guide to Microcomputer Software

SOFTWARE INDEX

1984 No.1 · £1·50

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ZX81

Spectrum

VIC 20

DRAGON

ORIC-1

BBC

ATARI 400/800

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SOFTWARE INDEX 1984 NO. 1

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Please send me the games as ticked

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No. 2 1984 ISSUE ON SALE FRIDAY MARCH 2 1984

Subscriptions

Copies of SI are available by post, inland or overseas, for £7.50 inland and £10 overseas per four issues. Subscription Department, IPC Magazines Ltd., Room 2816, Kings Reach Tower, Stamford Street, London SE1 9LS.

Cheques, postal orders and international money orders should be made payable to IPC Magazines Limited. Payment can also be made using any credit card and orders placed via Teledata Tel. 01-200 0200.

Letters and Queries

We are unable to offer any advice on the use or purchase of commercial software. All letters requiring a reply should be accompanied by a stamped, self addressed envelope, or addressed envelope and international reply coupons. (See Editorial page for addresses).

Back Numbers

Copies of Software Index are available from: Post Sales Department, IPC Magazines Ltd., Lavington House, 25 Lavington Street, London SE1 0PF, at £2 each including Inland/Overseas p&p. Please state issue number and year of issue required.

Suppliers of Software to
the Retail Trade

SoftShop

RETAILERS

Avoid the software jungle and order your software from SoftShop. We select only the best available programs for our dealers.

Please complete and return form below

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Unit 301, 16 Brune St.
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Suppliers of Software to
the Retail trade

I am interested in selling software on the following home computers (tick box)

- ☐ Atari
- ☐ BBC
- ☐ VIC20
- ☐ CBM64
- ☐ Electron
- ☐ Oric
- ☐ Spectrum

Company Name:

Address:

Telephone:

Contact Name:

Time trading:.....months/years.

Editorial...

The Problem Solver

WELCOME to *Software Index* and thank you for buying our first issue. We hope you find it invaluable. SI is not like any other magazine, in fact it is not really a magazine at all, more a catalogue with a difference. There are no reviews of new micros, no long sections of programs for you to laboriously punch into your micro and spend hours debugging; in fact it is not a magazine anyone will sit down and read from cover to cover for pleasure.

What SI will do is solve your software problems by showing most of what is available for the eight micros we presently cover. If you want to learn Boolean algebra on the BBC, cruise down Broadway on a Dragon, land a Harrier on Oric, sort out the VAT man with Commodore, sing to your Sinclair, make faces at Atari, or almost anything else, then *Software Index* will point you in the right direction.

There are a couple of things you should be aware of when you are scanning our pages:

First there is a certain amount of software available from small companies that is not listed in the Index. There is a very good reason for this which is fully explained on the Information page. Please read that page, We think you will find it very helpful.

Second, all the data given about each piece of software has been supplied by the producer or importer of that software. The program description is theirs and is **not an SI review.** The information has however been edited by us to ensure it is factual, i.e. Joe Soap Software has not been allowed to say that his Frogger program is one jump ahead of everyone elses, or that his pools program will win you £100,000 (unless he can prove it!).

Missed!

In compiling this first issue a number of problems have arisen due to the nature of the business and the sheer volume of available software. One of the biggest problems has been in making sure we contact all the software houses, not easy when there are so many and new ones start almost daily. We have compiled a list of nearly 600 companies.

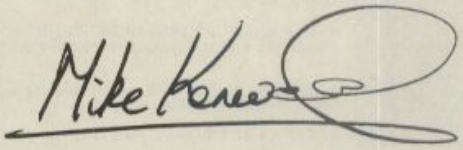
The problem is further heightened by the fast growth of many companies necessitating a move to larger premises. If we have missed your company we apologise. Please let us put matters right by contacting us so you can be included in the next issue — more details are given on the Information page.

Up To Date

We would just like to point out that although Software Index will only be published quarterly and forms a reference for its three months 'life', each issue is as up to date as a monthly publication when it goes on sale. Our production schedule has been contained within one month to make sure all the information is current.

We anticipate our next issue being considerably expanded due to new pograms, new companies (and any we missed) and a number of programs for which data is still to come from large companies. The latter being aggravated by delays in the post which now appear to be a fact of life. We also hope to include far more screen photos if these are available.

Finally, if you have any comments or criticisms (please be constructive) on this first issue we would like to hear them. Our aim is to meet your needs.



Issue No.2 on sale Friday March 2nd 1984

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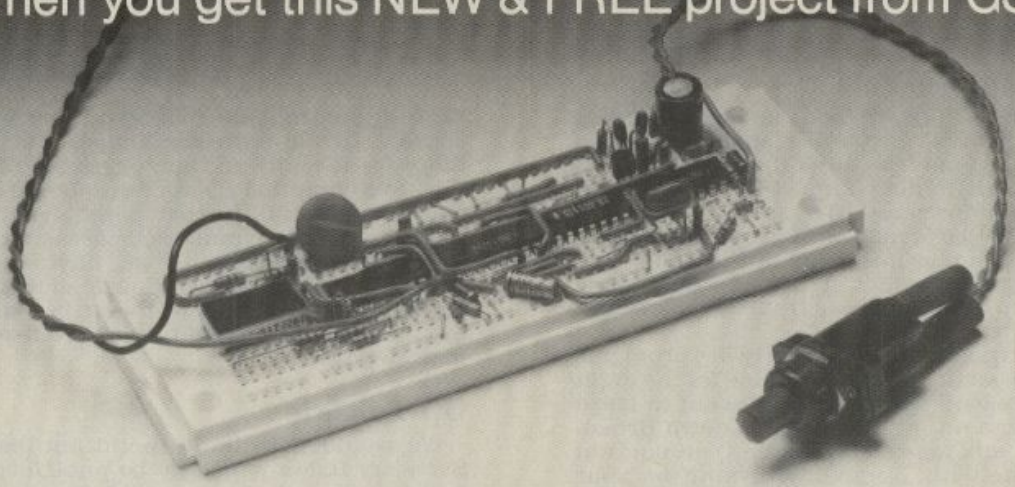
You win every time!

When you get this NEW & FREE project from GSC



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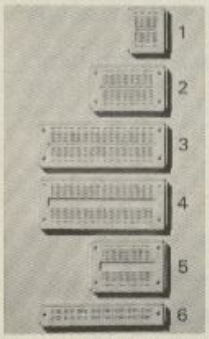

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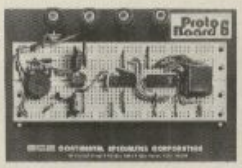

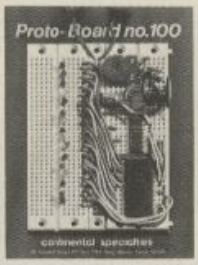

For further details of our FULL PROTO-BOARD RANGE, please send for our free catalogue.

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Telephone: Saffron Walden (0799) 21682

FREE project:

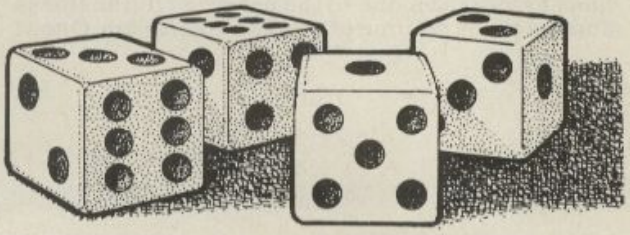
AUTO-DICE

Liven up your board games with this sophisticated electronic dice circuit! When the 'throw' switch is pressed, a numerical display flashes up rapidly changing numbers. After a few seconds, the 'rolling' stops, and the final result is displayed; ary number, randomly selected, from 1 to 6. A few seconds later the display turns off to conserve your battery, letting the games go on uninterrupted for weeks!

HOW DO YOU MAKE IT?

Our **FREE** project sheet gives you a large, clear diagram of the components layed out on an **EXP 300** breadboard. Each component is labelled, and the values are given in a component listing. Even the 'row and column' lettering of our **EXP 300** is shown to make the location of the correct holes, in which to push the components, easy to find. There's no soldering involved; **it couldn't be easier!** As an extra bonus, there's a full circuit description, and the details of a regulated power supply on the other side of the sheet.

"Clip the coupon" and get your **FREE** project sheet with each **EXP 300** bought. **AND** a **free** catalogue! Just ask about our other **free** projects too.



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Prices include P&P and 15% VAT

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	£3.16		£4.83		£8.05		£9.40		£5.75		£3.73		£13.80		£17.53

Name _____ Address _____

I enclose Cheque/P.O. for £_____ or debit my Barclaycard/Access/ American Express card no. _____ expiry date _____

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For FREE catalogue tick box ☐

Information...

This section is designed to help you find your way around *Software Index* and get the most value from the information contained in these pages. Please read what follows carefully.

TYPE OF PROGRAM

Our listings are broken down by the type of machine and type of program. Obviously some programs are produced for more than one of the machines we list and in such cases they will be listed under each machine for which they are available. So you will only need to look at listings for your machine to see what is available.

What is perhaps less obvious is that some software crosses the 'type of program' boundaries. for instance there are a number of games that have an educational value and there are filing and banking programs that could be used for home management or business. In such cases we have tried to list the software under the most suitable heading, or under the heading suggested by the supplier. This does mean that it is worth looking through more than one category for what you require.

Just one other point regarding type of program; there are a few cassettes and other formats around containing a selection of programs that fall in different program categories, in such cases we have decided to place the listing under 'miscellaneous', so make sure you also check that section for your micro.

PRICE

In virtually every case the price shown is inclusive of VAT and very often the software is available mail order from the producer or importer — this is indicated by the 'AA' code in the retailer column (meaning as above) — for the same price including postage, etc. If in doubt we suggest you contact the company first, you should also do this if the issue has been around for some time.

Overseas readers please note that you should check prices and the export situation before ordering.

WHO'S INCLUDED

A large number of small companies run on a part time basis are not included in *Software Index*. We are not implying that small companies run in someones spare time are not reputable, but we have no way of checking out the hundreds of such operations and we have therefore had to draw a line somewhere at who can be included.

Such a line is difficult to draw and implement, however VAT registration gives an idea of minimum company turnover (if turnover is expected to be above £18,000 per annum the company must register) and thus some indication of a 'substantial' business operation. We have therefore included companies that are VAT registered, or companies whose products are sold through VAT registered retailers. This does not guarantee the viability of that company — even Rolls Royce can have problems! — but it should mean you are dealing with a professional operation.

COMPLAINTS

If you suffer from poor service, or total lack of service, from any of the companies listed, then please let us know *in writing* of the problem. It could be an isolated case but should we get many complaints about particular operations we can try to help and ultimately exclude them.

Incidentally if you respond to a mail order display advertisement in *Software Index* — as opposed to an editorial listing — then you are protected to some extent by the mail order protection scheme (this does not apply to classified advertising or items purchased from a catalogue by mail order), for more details see the Mail Order Protection notice in this issue.

RETAILERS

Information on retailers given in the data boxes is as supplied by the producer or importer. Where software is distributed by a wholesaler the producer may not be aware of all retail outlets. This is usually indicated by the code 'AA + others' ('AA' meaning as above). Since there are many thousands of retailers throughout the country it would be impossible to list them all.

If you have any difficulty getting the required software we suggest you contact the producer or importer at the address given. As mentioned above, most of them will sell direct anyway; even if they don't they can probably put you in touch with a company that will. Incidentally we have had to limit the number of retail outlets listed for each program to eight, there may be others so it is worth checking with your local suppliers.

COMPANIES NOT LISTED

If your company is not listed and is VAT registered or sells software through a VAT registered retailer (see above), please accept our apologies for missing you and contact us, at the editorial office in Poole, as soon as possible.

When the idea of *Software Index* was conceived we drew up a list of nearly 600 software suppliers and wrote to all of them, enclosing the necessary data and forms. However in this fast moving field, new companies start almost daily and, while we have tried to keep our list up to date, it is possible that we have missed one or two suppliers. We would like you to help us make sure every eligible company supplying software for the micros we cover is included.

Just give us a ring on Poole (0202) 671191 and we will send you as many forms as you require to enable your products to be included (an editorial listing is completely free).

If you supply educational software to education authorities, but are not VAT listed, we can probably include your products. Please contact us for details.

IMPROVEMENTS

This is the first issue, we have worked hard to get it right but there are bound to be areas where we can make improvements; we would be very foolish to think otherwise. If you as a reader, supplier, retailer or whatever have any suggestions for the improvement of *Software Index* we are always willing to listen.

We will of course be keeping an eye on all the other micros and it will be our policy to try to list software for any new machines that become best sellers and, for that matter, any older machines that we consider merit inclusion. Having said that, we must point out that there are certain constraints on the editorial space available but we will do our best to give good coverage.

Meanwhile we hope you find this issue invaluable, issue No.2 (1984) will be published on March 2nd and all **new** software listed will be clearly indicated to assist readers.

THE BEST RANGE of SOFTWARE for HOME MICROS

Also **VIDEO GAMES** for ATARI COLECO INTELLIVISION VECTREX

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BRIGHTON 52 Western Road
NOTTINGHAM 31 Lister Gate

NAME _____

ADDRESS _____

_____

_____

VISA ACCESS DINERS AMERICAN EXPRESS

12/83

Key...

Program title. Listed alphabetically under each machine and program category, as given at the top of each page. Please note programs are only listed once for each machine. An educational game will be under one category only (Games **or** Education) so make sure you look carefully. Also see note on the Information page. Titles which have been abreviated are spelt out under **Notes.**

Memory required. The amount of memory required to run the program. This is not necessarily a specific amount but means it will run on a 1K, 16K or 64K machine etc. "Unex." indicates the program will run on a standard **unex**panded machine.

Baud rate. If this is not applicable "NA" will appear. You may also find "Norm" for normal.

Sound output. If sound is generated by the program; "Y" for yes, "N" for no, "NA" for not applicable.

Colour display. If colour is generated by the program; "Y" for yes, "N" for no, "NA" for not applicable.

Format of software. Ca. for cassette; D for disc; Cr. for cartridge; L. for Listing; E for EProm, plug in chip.

Cost of the software. The price shown is inclusive of VAT. If the "AA" code is given under retailer the software is normally available direct by mail order for the price shown (in the UK), including postage, etc. Also see note on the Information page.

Suppliers name and address. This is either the UK originator of the program or the UK importer.

Any special notes. Indicating if special or extra periferals are required, if there is anything unusual with the software or if extra items are supplied with it etc.

SOFTWARE INDEX			
MEM	2K	BAUD	NA
COL	Y	SOUND	N
COST	£1.50	F'MT	L
SUP'R	IPC Magazines, Westover House, West Quay Road, Poole, Dorset BH15 1JG		
RET'R	AA		
NOTES	NONE		

An Index listing availab… under machine and catego… in alphabetical order, Prov… 12 items of information p… factual description of the s…

Retailers code letters. "AA" means as above (i.e. the program can be purchased direct from the listed supplier by mail order). Other codes are listed at the back of the Index, most codes relate to the retailers name, e.g. "BO" is **Bo**ots (they are not all that good!) so you should be able to recognise a few easily. Where a distributor is used "+ others" indicates a wide range of retailers — see note on the Information page. A phone number in this box indicates you may phone for information on your nearest retailer.

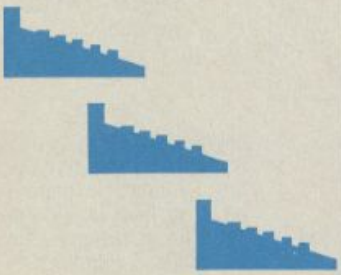
A brief factual description of program operation. Provided by the supplier and edited by SI staff. In many cases this will be enough to decide if you want the software, in some cases it will be enough to decide to investigate further.

ATARI 400/800

BUSINESS

ATARI WRITER			
MEM	16K	BAUD	NA
COL	Y	SOUND	Y
COST	£65.00	F'MT	Cr
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Requires printer. Optional: program recorder, disc drive.		

A word processing system in cartridge form which may be used on any of the Atari Home Computers. Save or load documents on cassette or disc. Merge files, standard letters, reports etc.



FAMILY FINANCES			
MEM	32K	BAUD	NA
COL	Y	SOUND	Y
COST	£34.99	F'MT	D
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Requires disc drive. Optional printer.		

Practical two diskette program that itemises 125 entries in 13 different expense categories each of 5 income categories. Prints variety of reports.

GRAPHIT			
MEM	6K	BAUD	Norm
COL	Y	SOUND	Y
COST	£14.99	F'MT	Ca
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Requires: program recorder, Atari BASIC. Optional joystick.		

Automatically plot pie charts and bar graphs, or use a joystick to trace 2 or 3 dimentional displays and polar plots. For business, scientific, educational or personal applications, a visual way to analyse numbers.

STATISTICS 1			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£14.99	F'MT	Ca
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Requires, program recorder Atari BASIC. Optional: printer, d sc drive.		

Enter data and obtain a variety of calculations, including mean, mode, median, standard deviation, variance, skew, kurtosis and root mean square. Use the editing capabilities to correct erroneous data.

TIMEWISE			
MEM	32K	BAUD	NA
COL	Y	SOUND	Y
COST	£22.99	F'MT	D
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Requires disc drive. Optional printer.		

An electrical diary. Use the ability to enter single or multiple entries, ongoing appointments and classes. Choose from a variety of choices the way you print the diary out. Choose one days itinary or a whole month.

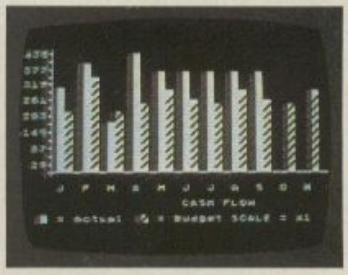
VISICALC			
MEM	32K	BAUD	NA
COL	Y	SOUND	Y
COST	£159.00	F'MT	D
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Requires disc drive. Optional printer.		

An electronic spreadsheet combining the ease of a pocket calculator with the electronic screen. A powerful financial modelling tool to calculate, display and print the answers to involved questions.

HOME-PERSONAL

HOME FILING MANAGER			
MEM	16K	BAUD	NA
COL	Y	SOUND	Y
COST	£39.99	F'MT	D
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Requires disc drive. Optional printer.		

The ease of a 5×4 card system on disc. Save over 700 records on one disc, print any card at leisure. Contains the ability to 'paper clip' individual cards.



HOME FINANCIAL MANAGEMENT			
MEM	Unex	BAUD	NA
COL	Y	SOUND	N
COST	£14.95	F'MT	Ca/D
SUP'R	Thorn EMI Video Ltd., Upper St. Martin's Lane, London WC2.		
RET'R	3O CU DX GA LA and others		
NOTES	Cassette requires an Atari BASIC cartridge and a blank audio cassette for data storage. Disc requires a blank disk for data storage.		

Set up budgets for the various categories of income and expenditure for each month of the year. The computer will tell you your budget balance for each month and year end.

UTILITY-MISC

ASSEMBLER EDITOR			
MEM	8K	BAUD	NA
COL	Y	SOUND	Y
COST	£39.99	F'MT	Cr
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Optional disc drive, printer.		

Utilising its English-based abbreviations and acronyms, you put together programs in machine language without having to deal in bits and bytes.

ATARI 400/800

UTILITY-MISC

ATARI LOGO

MEM	16K	BAUD	NA
COL	Y	SOUND	Y
COST	£59.99	F'MT	Cr
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Optional: Printer program recorder, disk drive.		

Learners of all ages gain insights into geometry, math or physics using Atari Logo's Turtle Graphics, enhanced by the sound and colour capabilities of the Atari home computer.

MACRO ASSEMBLER

MEM	32K	BAUD	NA
COL	Y	SOUND	Y
COST	£59.99	F'MT	D
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Requires disk drive.		

Change colours, revise graphics or alter sound routines without retyping all the statements. Listing control, crossreference, and conditional assembly assist the serious programmer.

MICROSOFT BASIC

MEM	32K	BAUD	NA
COL	Y	SOUND	Y
COST	£59.99	F'MT	D
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Requires disc drive. Optional: printer, program recorder.		

Advanced BASIC containing many facilities to assist the experienced programmer, including renumber, multidimensional arrays and strings. Accompanying documentation explains player/missile (sprite) graphics, character set definition, colour and sound parameters.

ATARI MICROSOFT BASIC II

MEM	16K	BAUD	NA
COL	Y	SOUND	Y
COST	£59 99	F'MT	Ca
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Requires: 32K min. and disc drive for extension diskette. Opticnal printer.		

New cartridge version of the original program. The cartridge contains the most useful features, while the diskette is included to complete the power of the original.

PILOT (CONSUMER)

MEM	8K	BAUD	NA
COL	Y	SOUND	Y
COST	£59 99	F'MT	Ca
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Optional: program recorder, disc drive, printer.		

Turtle graphics let you create imaginative pictures and animated graphics, or use SOUND statements for melodies and sound effects (ages 8 to adult).

ATARI 400/800 EDUCATION

CONVERSATIONAL FRENCH

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£39.99	F'MT	Ca
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Requires: program recorder, Atari BASIC		

Learn to speak French the natural way. Descriptive colour graphics assist as you watch each word or phrase spelt on-screen. Pronounciation via the Atari sound-through system completes the package.

CONVERSATIONAL GERMAN

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£39.99	F'MT	Ca
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Requires: program recorder, Atari BASIC		

Visual and audio instruction on the use of German words and phrases. The Atari sound-through system allows you to hear a wealth of phrases correctly pronounced to aid learning.

CONVERSATIONAL ITALIAN

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£39.99	F'MT	Ca
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Requires: program recorder, Atari BASIC		

The Atari home computer becomes your tutor as you learn words and phrases while the audio sound through system assists by giving correct pronounciation of each word and phrase.

CONVERSATIONAL SPANISH

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£39.99	F'MT	Ca
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Requires: program recorder, Atari BASIC		

Watch and hear each Spanish word or phrase correctly spelt and pronounced while descriptive colour graphics enhance learning.

ATARI 400/800 EDUCATION

EUROPEAN COUNTRIES AND CAPITALS

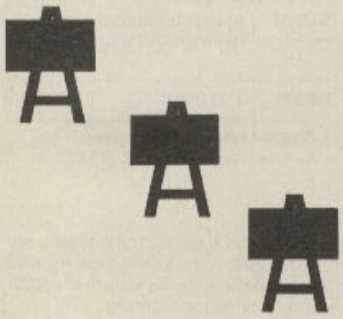
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£14.99	F'MT	Ca
SUP'R	Atari Internat onal, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Requires program recorder, Atari BASIC		

The computer draws an outline plan of Europe and then asks you to identify individual countries by geographic shape. Once you have correctly identified the country, you can try to identify the capital.

ENERGY CZAR

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£14.99	F'MT	Ca
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Requires: program recorder, BASIC cartridge.		

You control the supply of various energy resources through price regulation, taxation and environmental controls. Watch your decisions influence the growth rate of the economy, inflation and your personal popularity.



FACEMAKER

MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£10.95	F'MT	Ca
SUP'R	ASK Ltd., London House, 68 Upper Richmond Road, London SW15		
RET'R	AA and others		
NOTES	None		

A game about observation enabling children to build faces on the screen, Identikit style. The computer draws pictures, in reply to answers typed in by the child. (Age 5-12).

FIGURE FUN

MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Thorn EMI Video Ltd., Upper St. Martin's Lane, London WC2.		
RET'R	BO CU DX GA LA & others		
NOTES	Requires an Atari BASIC cartridge, joystick		

Contains Fizzbuzz — a game which teaches multiplication and division. The train game which is a test to see how many numeric series you can solve in a certain time.

GRUNEBERG LINKWORD LANGUAGE SYSTEM

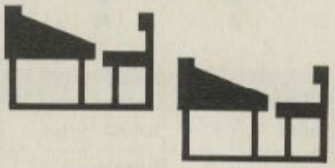
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£14.95	F'MT	Ca/D
SUP'R	English Software, Box 43, Manchester.		
RET'R	WO MZ CU DX BO LA GE		
NOTES	XL Series compatible. Versions available in German, French, Spanish and Italian		

Language tutorial system with the emphasis played on the use of psychology to aid the recall of verbs, sentences and genders.

HANGMAN

MEM	8K	BAUD	Norm
COL	Y	SOUND	Y
COST	£14.99	F'MT	Ca
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Requires program recorder, Atari BASIC		

The computer holds a word in its memory. Guess each letter correctly and save the victim from the hangmans noose.



HIDE AND SEEK

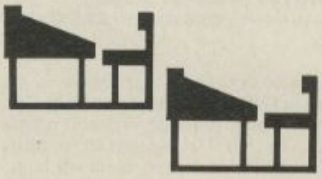
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£10.95	F'MT	Ca
SUP'R	ASK Ltd., London House, 68 Upper Richmong Road, London SW15.		
RET'R	AA and others		
NOTES	None		

An introduction to early reading and writing. Various objects are hidden in boxes and the player must remember what went where, eventually typing in the names of the objects (age 5-12).

INVITATION TO PROGRAMMING 1

MEM	8K	BAUD	Norm
COL	Y	SOUND	Y
COST	£19.99	F'MT	Ca
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Requires: program recorder, Atari BASIC		

Learn to use PRINT statements to perform simple mathematical calculations and create sounds. With recorded voice prompts, follow along lesson books, and self quizzes (ages 10 to adult).



INVITATION TO PROGRAMMING 2

MEM	8K	BAUD	Norm
COL	Y	SOUND	Y
COST	£22.99	F'MT	Ca
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Requires: program recorder, Atari BASIC		

With recorded voice prompts, this second aid in the seried teaches the use of FOR. . . NEXT loops and how to use READ, DATA, DIM, PEEK and POKE statements in your programs.

INVITATION TO PROGRAMMING 3

MEM	8K	BAUD	Norm
COL	Y	SOUND	Y
COST	£22.99	F'MT	Ca
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Requires: program recorder, Atari BASIC		

This last learning aid in the series teaches the use of pitch, purity and volume in sound, and the use of colour and graphics. With recorded voice prompts.

JUGGLES HOUSE

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£22.99	F'MT	Ca/D
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Cassette version requires program recorder. Disc version requires disc drive		

Teaches essential spatial relationships like upper, lower, inside and outside. Complements the principles taught in Juggles Rainbow (ages 3-6).

JUGGLES RAINBOW

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£22.99	F'MT	Ca/D
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Cassette requires program recorder. Disk version requires disk drive.		

Teaches the concepts of above, below, left and right. Assists children in learning alphabet, spelling and reading skills. (Ages 3 to 6).

ATARI 400/800 EDUCATION

KINGDOM

MEM	8K	BAUD	Norm
COL	Y	SOUND	Y
COST	£14.99	F'MT	Ca
SUP'R	Atari International Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Requires program recorder Atari BASIC.		

You are the ruler of a small country threatened by crop failure and an uncertain food supply. You run the farms, select crops and guide the agricultural policy.

MATHS 1, 2, 3, 4, 5.

MEM	9K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Simon Software, Blansheay, Droitwich Road, New End, Redditch Worcs.		
RET'R	AA		
NOTES	None		

Maths 1: Number, area, fractions, decimals, money, length, number, estimation. Game 1: Draw a picture.
Maths 2: Volume, ratio, percentage, perimeter, bases, time, number, estimation. Game 2: Try to cross the road.
Maths 3: Directed, coordinate, angles, scale, dice, density, temp, estimation. Game 3: Play Rugby.
Maths 4: Squareroot, indices, circles, inequality, statistics, number, fractions, angles. Game 4: Defend you star fleet.
Maths 5: Linear, directed, statistics, cards, circles, quadratic, pythagoras, equations. Game 5: Defend your command ship.
Each section has a test consisting of random questions.

MY FIRST ALPHABET

MEM	32K	BAUD	NA
COL	Y	SOUND	Y
COST	£29 99	F'MT	D
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Requires: disc drive, Atari BASIC		

Teaches letters and numbers with pictures clues and musical rewards. Also includes automatic running mode for the very young (ages 3-5).

NUMBLER PUZZLER

MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£10.95	F'MT	Ca
SUP'R	ASK Ltd., London House, 68 Upper Richmond Road, London SW15.		
RET'R	AA and others		
NOTES	None		

Three games in addition and subtraction involving a kind of numerical noughts and corsses. Winning strategies are achieved by adding numbers together or decomposing one of them into separate parts (age 4-12).

PAINT

MEM	48K	BAUD	NA
COL	Y	SOUND	Y
COST	£29.98	F'MT	D
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Requires: disc drive, joystick		

Select from the colours and brushtrokes of your choice to create colour video pictures. Commands, including circles, lines, rectangles, allow you to use your joystick as a brush.

MICKEY IN THE GREAT OUTDOORS

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£29.99	F'MT	Ca/D
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Cassette version requires program recorder. Disk version requires disk drive and 32K. Both versions require joystick.		

Contains two 2 complete learning adventures. Mickey Goes Hiking helps children build word recognition and learn sentence construction while Mickey Goes Exploring teaches arithmetic skills. (Ages 7 to 10).

MUSIC COMPOSER

MEM	8K	BAUD	NA
COL	Y	SOUND	Y
COST	£35.99	F'MT	Cr
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Optional: Program recorder disk drive.		

Create musical compositions in 4 part harmony by entering notes on the screen. You control pitch, register, duration and loudness of each note. Completed compostions may be stored or cassette on disk.

PILOT (EDUCATOR)

MEM	8K	BAUD	NA
COL	Y	SOUND	Y
COST	£89.99	F'MT	Cr
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Optiona: program recorder, disk drive, printer.		

As in Pilot (consumer). Contains additional instruction and tutorial workbook for the assistance of the educator.

SCRAM

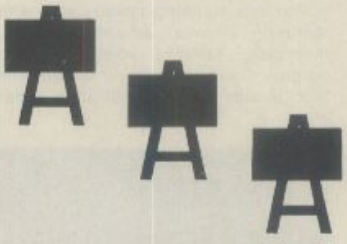
MEM	24K	BAUD	Norm
COL	Y	SOUND	Y
COST	£19.99	F'MT	Ca
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Requires: program recorder, Atari BASIC, joystick.		

A nuclear power plant simulation in which you control operations to prevent a meltdown. An instructional program for ages 12 and up. A 44 page manual includes basic principles of thermodynamics.

TAROT CARD

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£14.95	F'MT	Ca/D
SUP'R	Eng ish Software, Box 43, Manchester.		
RET'R	WO MZ CU DX BO LA GE		
NOTES	XL Series compatible. Also supplied complete with paperback guide to the Tarot.		

Tarot card provides a convenient way of reading the classic fortune telling cards with no experience in computing neccessary. Supplied complete with reference guide.



TOUCH TYPING

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£19.99	F'MT	Ca
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Recuires program recorder. Atari BASIC.		

An instructional aid to assist you in learning to type. Includes step-by-step instructions, computer practice sessions, speed evaluation and a built-in sentence generator to drill you in weak areas.

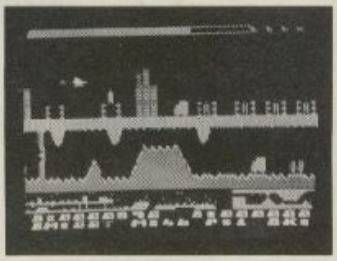
ATARI 400/800 GAMES

A.C.E. THE ATARI CASSETTE ENHANCER			
MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£7.95	F'MT	Ca
SUP'R	English Sotware, Box 43, Manchester.		
RET'R	WO MZ CU DX BO LA GE		
NOTES	None		

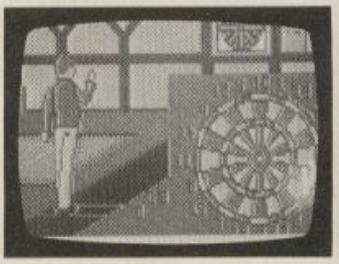
Cassette utility with search and load, auto-line numbering, renumbering, verify facility, lists variables, creates binary files. Written in machine code.

AIRSTRIKE 2			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca/D
SUP'R	English Software, Box 43, Manchester.		
RET'R	WO MZ CU DX BO LA GE		
NOTES	XL Series compatible		

The new scrolling space game with spinning bombs, smooth rockets, munching caverns, joystick bomb control. One or two player action. The 32K B side features scrolling radar map.



DARTS



ASTEROIDS			
MEM	8K	BAUD	NA
COL	Y	SOUND	Y
COST	£29.99	F'MT	Cr
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Requires joystick		

You control a spaceship to avoid hitting an interplanetary rockpile. You have a cannon to blast oncoming rocks and to defend yourself from attacks by unfriendly spacecraft. For 1 to 4 players.

ASTROCHASE			
MEM	Unex	BAUD	NA
COL	Y	SOUND	Y
COST	£34.00	F'MT	Cr
SUP'R	Parker Bros., c/o The Palitoy Company, Owen St., Coalville, Leicestershire.		
RET'R	AG WO RU GE BO SM MZ TE		
NOTES	None		

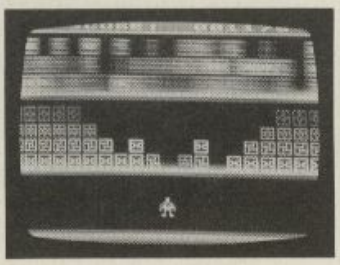
DIAMONDS

BASKETBALL			
MEM	8K	BAUD	NA
COL	Y	SOUND	Y
COST	£24.99	F'MT	Cr
SUP'R	Atari International, Rai way Terrace, Slough.		
RET'R	0753 24561		
NOTES	Requires joystick		

Control your own player against either the computer or another player. You may run with the ball, shoot at the net or pass to other players. For 1 to 4 players.

BATTY BUILDERS			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca/D
SUP'R	English Sortware, Box 43, Manchester		
RET'R	WO MZ CU DX BO LA GE		
NOTES	XL Series compatible		

A non-violent constructive game where the Batly Builder catches falling blocks and builds brick walls. Falling blocks and TNT pods make life very difficult. One player game.



HICKORY DICKORY DOCK

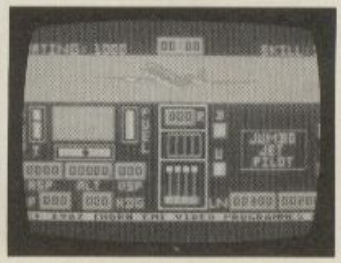
BOMBASTICS			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca/D
SUP'R	English Software, Box 43, Manchester.		
RET'R	WO MZ CU DX BO LA GE		
NOTES	XL Series compatible		

One or two player action game — deflect moving anti-matter bombs against each others defences until the shield is destroyed. The energy shield in the centre is an extra hazard.

BLACKJACK			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£14.99	F'MT	Ca
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	None		

Play one of the world's best-known casino card games. You decide whether to stand, draw another card or double down in an effort to reach 21.

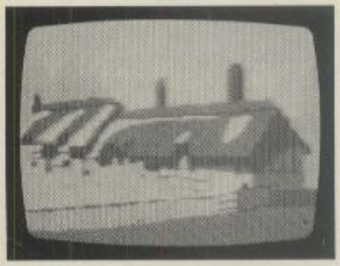
JUMBO JET PILOT



ATARI 400/800 GAMES

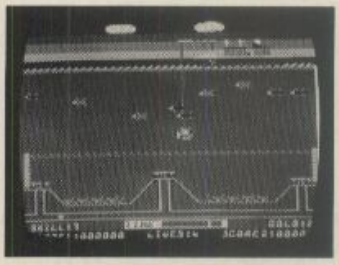
BRITISH HERITAGE JIGSAW PUZZLES VOLS 1&2			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Thorn EMI Video Ltd., Upper St. Martin's Lane, London WC2.		
RET'R	BO CU DX GA LA & others		
NOTES	Joystick required		

16 different puzzles. Choose how many squares to cut the picture into. The computer will help if you want by refusing to insert incorrect pieces.



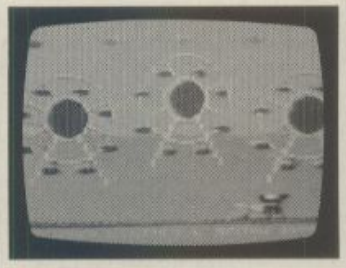
CAPTAIN STICKY'S GOLD			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca/D
SUP'R	English Software, Box 43, Manchester.		
RET'R	WO MZ CU DX BO LA GE		
NOTES	XL Series compatible		

Captain Sticky is sent on an underwater chase to rescue lost gold to replenish his supply of sticky gum. MX missiles, force fields, and crabs cause problems.



CARNIVAL MASSACRE			
MEM	Unex	BAUD	NA
COL	Y	SOUND	Y
COST	£24.95	F'MT	Cr
SUP'R	Thorn EMI Video Ltd., Upper St. Martin's Lane, London WC2.		
RET'R	BO CU DX GA LA & others		
NOTES	Joystick required		

Gangsters toss missiles at the ferris wheels and plant bombs on the roller-coaster. You must save the passengers and then shoot the thugs out of the sky-lift.



CAVERNS OF MARS			
MEM	16K	BAUD	NA
COL	Y	SOUND	Y
COST	£29.99	F'MT	Cr
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Requires joystick		

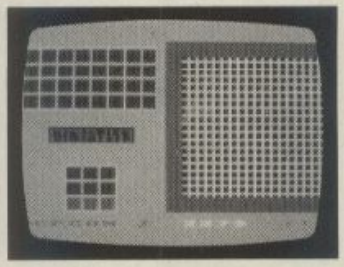
Six continuous scenarios and different levels of difficulty combine to provide a game of skil in navigating the Caverns to activate the doomsday bomb.

CAVERUNNER			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca/D
SUP'R	English Software, Box 43, Manchester		
RET'R	WO MZ CU DX BO LA GE		
NOTES	XL Series compatible		

Caverunner leaps across dangerous waterfalls, exploding volcanoes chasing jewels, chalices and treasures. Hazards include evil apes, sticks and stones, slime and moving platforms. A game of tactics, manipulation and skill.

COMPUTER WAR			
MEM	Unex	BAUD	NA
COL	Y	SOUND	Y
COST	£9.95	F'MT	Cr
SUP'R	Thorn EMI Video Ltd., Upper St. Martin's Lane, London WC2		
RET'R	BO CU DX GA LA and others		
NOTES	Joystick required		

Based on the movie 'Wargames'. Save the world from destruction by a misguided computer. Crack the code, track and destroy simulated enemy missiles before the compter initiates the National Defence systems.



CENTIPEDE			
MEM	16K	BAUD	NA
COL	Y	SOUND	Y
COST	£29.99	F'MT	Cr
SUP'R	Atari International, Railway Terrace, Slough		
RET'R	0753 24561		
NOTES	Requires joystick		

Crawling towards you through the mushroom patch are the centipede, spider, flea and scorpion. But they are really quite friendly as long as you keep them at a distance.

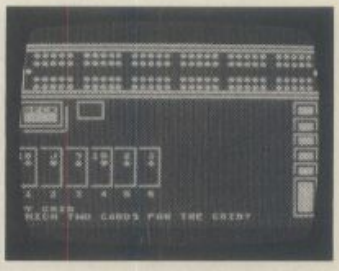
CHESS			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£35.00	F'MT	Cr
SUP'R	Parker Bros., c/o The Palitoy Company, Owen St., Coalville, Leicestershire.		
RET'R	AG WO RU GE BO SM MZ TE		
NOTES	None		

COMPUTER CHESS			
MEM	8K	BAUD	NA
COL	Y	SOUND	Y
COST	£24.99	F'MT	Cr
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Requires joystick		

Seven skill levels from beginner to expert allow you to learn and improve your skills against the computer.

CRIBBAGE & DOMINOES			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Thorn EMI Video Ltd., Upper St. Martin's Lane, London WC2.		
RET'R	BO CU DX GA LA & others		
NOTES	Requires an Atari BASIC cartridge		

Play against the computer. 10 game variations.

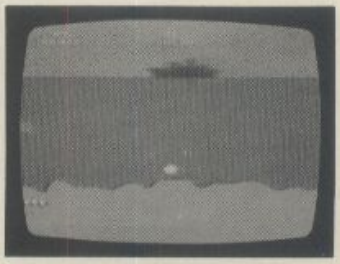


DARTS			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£14.95	F'MT	Ca
SUP'R	Thorn EMI Video Ltd., Upper St. Martin's Lane, London WC2.		
RET'R	BO CU DX GA LA & others		
NOTES	Joystick required		

All the standard rules apply. 1 to 4 players, 10 skill levels, choose what score to play to and whether to start with a double or not.

DEATH DIVE			
MEM	Unex	BAUD	NA
COL	Y	SOUND	Y
COST	£24.95	F'MT	Cr
SUP'R	Thorn EMI Video Ltd., Upper St. Martin's Lane, London WC2.		
RET'R	BO CU DX GA LA & others		
NOTES	Joystick required		

Remove deadly nuclear waste from the sea-bed and destroy the sea monsters who inhabit the oceans. 1 or 2 players.



ATARI 400/800 GAMES

DEFENDER

MEM	16K	BAUD	NA
COL	Y	SOUND	Y
COST	£29.99	F'MT	Cr
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Requires joystick		

As you fly over a blighted landscape, you fight to protect frightened humanoids from Landers, Mutants, Swarmers, Baiters, Bombers and Pods. All the features of the arcade original are retained.

DIAMONDS

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca/D
SUP'R	English Software, Box 43, Manchester.		
RET'R	WO MZ CU DX BO LA GE		
NOTES	XL Series compatible		

Digger Dan digs his way through 16 diamond mines searching for the Great White Diamond — chased by creatures and demons he must collect all the diamonds to cross the levels.

DIG DUG

MEM	16K	BAUD	NA
COL	Y	SOUND	Y
COST	£29.99	F'MT	Cr
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Requires joystick		

The cheerful miner only wants to unearth his fruit and vegetables but the dragons and monsters guard them. Build your own maze and use your pump to pop the opposition.

DONKEY KONG

MEM	16K	BAUD	NA
COL	Y	SOUND	Y
COST	£29.99	F'MT	Cr
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Requires joystick		

Donkey Kong steals Mario's girl and takes her up to his hide-out. You must guide Mario through the girders and ladders, avoiding the pitfalls and objects to save his loved one.

DONKEY KONG JUNIOR

MEM	16K	BAUD	NA
COL	Y	SOUND	Y
COST	£29.99	F'MT	Cr
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 2456		
NOTES	Requires joystick		

The tables are turned. Mario the carpenter has captured Donkey Kong. Junior pursues him through the jungle in an effort to save his papa.

DR. WACKO'S MIRACLE GUIDE

MEM	48K	BAUD	NA
COL	Y	SOUND	Y
COST	£19.95	F'MT	D
SUP'R	Addison-Wesley Publishers Ltd., 53 Bedford Square, London WC1		
RET'R	AA		
NOTES	Full title: Dr. Wacko's Miracle Guide to Designing and Programming Your Own Atari Arcade Games.		

This disc accompanies the book 'Dr. Wacko's Miracle Guide to Designing and Programming your own Atari Arcade Games' and contains programming tips for producing arcade games plus a complete game example.

EASTERN FRONT (1941)

MEM	16K	BAUD	NA
COL	Y	SOUND	Y
COST	£29.99	F'MT	Cr
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Requires joystick. Optional: program recorder, disk drive.		

A complex game of strategy with you as the German commander and the computer controlling the Russian Forces. Watch the seasons as well as your fortunes change.

ET PHONE HOME

MEM	16K	BAUD	NA
COL	Y	SOUND	Y
COST	£29.99	F'MT	Cr
SUP'R	Atari International, Railway Terrace, Slough		
RET'R	0753 24561		
NOTES	Requires joystick		

You guide Elliott to find the phone pieces he needs to allow ET to call his ship back from the stars. Complete your task and you will hear the voice of ET.

EUROPEAN SCENE JIGSAW PUZZLE VOL 1&2

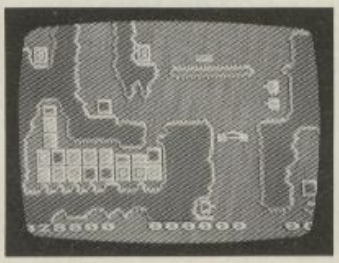
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Thorn EMI Video Ltd., Upper St. Martin's Lane, London WC2.		
RET'R	BO CU DX GA LA & others		
NOTES	Joystick required		

16 different puzzles. Choose how many squares to cut the picture into. The computer will help, if you want, by refusing to insert incorrect pieces.

FIREFLEET

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca/D
SUP'R	English Software, Box 43, Manchester.		
RET'R	WO MZ CU DX BO LA GE		
NOTES	XL Series compatible		

Pilot your space cruiser through the corridors of the unknown, avoiding cannon, forcefields and enemy tanks. Vertical scrolling graphics — one player control.



FROGGER

MEM	Unex	BAUD	NA
COL	Y	SOUND	Y
COST	£34.00	F'MT	Cr
SUP'R	Parker Bros., c/o The Palitoy Company, Owen St., Coalville, Leicestershire.		
RET'R	AG WO RU GE BO SM MZ TE		
NOTES	None		

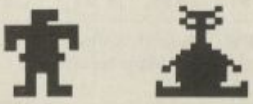
HARRIER ATTACK

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Durell Software, Castle Lodge, Castle Green, Taunton.		
RET'R	AG WO RU GE BO SM MZ TE		
NOTES	None		

GALAXIAN

MEM	16K	BAUD	NA
COL	Y	SOUND	Y
COST	£29.99	F'MT	Cr
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Requires joystick		

Defend the earth from the multi-coloured Galaxian Invaders. A scrolling star background adds to the realism.



HICKORY DICKORY DOCK/ BAA, BAA BLACK SHEEP

MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Thorn EMI Video Ltd., Upper St. Martin's Lane, London WC2.		
RET'R	BO CU DX GA LA & others		
NOTES	Joystick required		

The picture on the screen is divided into 9, 16, 25 or 36 squares, then the computer jumbles the squares. You must slide them around to reassemble the picture.

ATARI 400/800 GAMES

HUMPTY DUMPTY & JACK & JILL			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Thorn EMI Video Ltd., Upper St. Martin's Lane, London WC2.		
RET'R	BO CU DX GA LA & others		
NOTES	Joystick required		

The picture on the screen is divided into 9, 16, 25 or 36 squares, then the computer jumbles the squares. You must slide them around to reassemble the picture.

HYPERBLAST			
MEM	16K	BAUD	NA
COL	Y	SOUND	Y
COST	£24.95	F'MT	Cr
SUP'R	English Software, Box 43, Manchester.		
RET'R	WO MZ CU DX BO LA GE		
NOTES	XL Series compatible		

10 wave arcade action game with 10 different waves of flying creatures, rockets, buzz-bombs, with hyperspace feature between each wave.

JET BOOT JACK			
MEM	16K	BAUD	NA
COL	Y	SOUND	Y
COST	£29.95	F'MT	Cr
SUP'R	English Software, Box 43, Manchester.		
RET'R	WO MZ CU DX BO LA GE		
NOTES	XL Series compatible		

Jet Boot Jack on his search for records, travels through 10 levels of play, with creatures hindering his progress. Features vinyl pods and moving elevators.

JOUST			
MEM	16K	BAUD	NA
COL	Y	SOUND	Y
COST	£29.99	F'MT	Cr
SUP'R	Atari Interrational, Railway Terrace, Slough		
RET'R	0753 24561		
NOTES	Requires joystick		

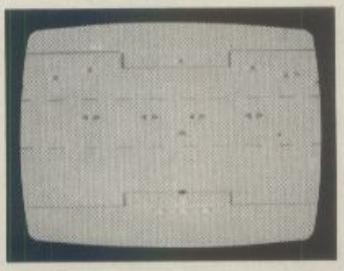
Ride on the back of an ostrich as you jockey for position attempting to knock the other players off their buzzards. Play the arcade game at home, for 1 or 2 players.

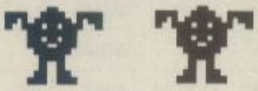
JUMBO JET PILOT			
MEM	Unex	BAUD	NA
COL	Y	SOUND	Y
COST	£29.95	F'MT	Cr
SUP'R	Thorn EMI Video Ltd., Upper St. Martin's Lane, London WC2.		
RET'R	BO CU DX GA LA & others		
NOTES	Joystick required		

Fly your own jumbo jet with this sophisticated simulator, complete with flight instrumentation and views through the cockpit windows.

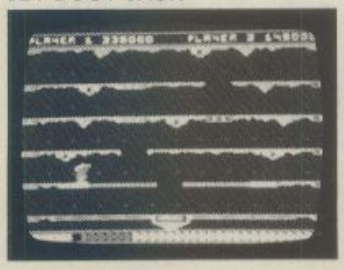
KICKBACK			
MEM	Unex	BAUD	NA
COL	Y	SOUND	Y
COST	£24.95	F'MT	Cr
SUP'R	Thorn EMI Video Ltd., Upper St. Martin's Lane, London WC2		
RET'R	BO CU DX GA LA and others		
NOTES	Joystick requires		

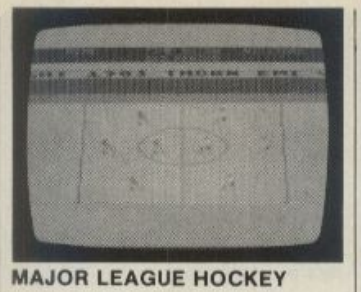
An all-action soccer style game in which you control one of the players. Five skill levels 1 or 2 players.





JET BOOT JACK





MAJOR LEAGUE HOCKEY

KRAZY KOPTER			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca/D
SUP'R	English Software, Box 43, Manchester		
RET'R	WO MZ CU DX BO LA GE		
NOTES	XL Series compatible		

Fleeing secret agents, enemy ships and blasting cannon make Krazy Kopter a fast-action game for all arcade-game fans.

LONE RAIDER			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£14.99	F'MT	Ca
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Requires: joystick, program recorder		

A three part action game. You select up to level 5 of play. Levels 6-10 are under computer control. Begin with a shooting game, progress to a maze scenario and finally an evasion scene.

MARATHON			
MEM	16K	BAUD	Norm
COL	Y	SOUND	y
COST	£9.95	F'MT	Ca
SUP'R	English Software, Box 43, Manchester.		
RET'R	WO MZ CU DX BO LA GE		
NOTES	Atari XL Series compatible.		

Educational game for children or adults. solve different types of mathematical problems and win the race by reaching the winning post.

MAJOR LEAGUE HOCKEY			
MEM	Unex	BAUD	NA
COL	Y	SOUND	Y
COST	£24.95	F'MT	Cr
SUP'R	Thorn EMI Video Ltd., Upper St. Martin's Lane, London WC2.		
RET'R	BO CU DX GA LA and others		
NOTES	Joystick requires		

Test your powers of manoeuvre and strategy in this fast team game on skates for 1-4 players.

MISSILE COMMAND			
MEM	8K	BAUD	NA
COL	Y	SOUND	Y
COST	£29.99	F'MT	Cr
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Requires joystick. Optional Atari Trackball		

Defend 6 cities from incoming ICBMs in this multi-level, multi-player game of skil. This cartridge includes true Trackball mode for use with the Atari Trackball.

Ms PAC MAN			
MEM	16K	BAUD	NA
COL	Y	SOUND	Y
COST	£29.99	F'MT	Cr
SUP'R	Atari International, Railway Terrace, Slough		
RET'R	0753 24561		
NOTES	Requires joystick		

Guide the ever-hungry Ms Pac Man through multiple mazes, gobbling up dots, ghosts and fruits that move. Watch out for the play in three acts, but you need to play well to see it.

NUMBER CHASER			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£10.95	F'MT	Ca
SUP'R	ASK Ltd., London House, 68 Upper Richmond Road, SW15.		
RET'R	AA & others		
NOTES	None		

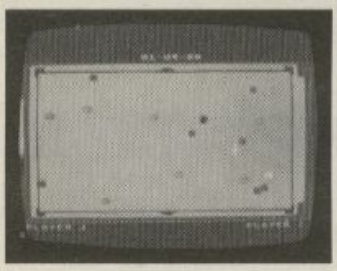
A game to improve estimating ability. Your vehicle is being chased by that of the computer; correct estimations get you ahead, wrong ones make your car drop back. (Age 3-12).

ATARI 400/800 GAMES

SNOOKER & BILLIARDS

MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£14.95	F'MT	Ca
SUP'R	Thorn EMI Video Ltd., Upper St. Mart n's Lane, London WC2.		
RET'R	BO CU DX GA LA & others		
NOTES	Joystick required		

Features full match and practice options. Guide the ball using the joystick and vary the strength of each shot.



SOCCER

MEM	Unex	BAUD	NA
COL	Y	SOUND	Y
COST	£24.95	F'MT	Cr
SUP'R	Thorn EMI Video Ltd., Upper St. Martin's Lane, London WC2.		
RET'R	BO CU DX GA LA & others		
NOTES	Joystick required		

A rolling display of a soccer field, including goals, line markings and a clock. Contains multi-skill levels and the option to play against a friend or the computer.

SOCCER

MEM	16K	BAUD	NA
COL	Y	SOUND	Y
COST	£24.95	F'MT	Cr
SUP'R	Atari Interional, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Requires joystick		

Choose your difficulty level then take control of this authentic soccer game. You select which of your players to control, when to kick, and the height of each kick.

SPACE INVADERS

MEM	8K	BAUD	NA
COL	Y	SOUND	Y
COST	£29.99	F'MT	Cr
SUP'R	Atari Interional, Railway Terrace, S ough.		
RET'R	0753 24561		
NOTES	Requires joystick		

You are the last defensive outpost on a moon encircled by unfriendly aliens. Twelve game variations allow you to choose your own level of difficulty.

STAR RAIDERS

MEM	8K	BAUD	NA
COL	Y	SOUND	Y
COST	£29.9	F'MT	Cr
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Requires joystick		

This 1982 'Computer Game of the Year' puts you in the control room of a space craft travelling through deep space. A game of skill and strategy against Zylon Cruisers.

STEEPLE JACK

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca/D
SUP'R	English Software, Box 43, Manchester.		
RET'R	WO MZ CU DX BO LA GE		
NOTES	XL Series compatible.		

Steeple Jack travels up moving ladders trying to reach the very top of the chimney — he must dodge falling ghosts and elephants.

SUPER BREAKOUT

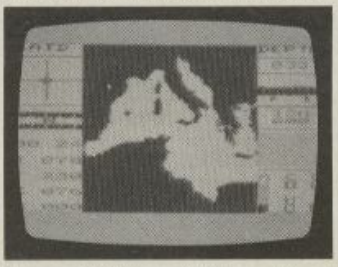
MEM	8K	BAUD	NA
COL	Y	SOUND	Y
COST	£24.99	F'MT	Cr
SUP'R	Atari International, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Requires paddles.		

Four different scenarios for up to 8 players. A wall of multicoloured bricks need to be demolished. When you have lost all your lives the computer will tell you how good you are.

SUBMARINE COMMANDER

MEM	Unex	BAUD	NA
COL	Y	SOUND	Y
COST	£29.95	F'MT	Cr
SUP'R	Thorn EMI Video Ltd., Upper St. Martin's Lane, London WC2.		
RET'R	BO CU DX GA LA and others		
NOTES	Joystick requires		

A submarine patrol simulator to hunt and destroy enemy shipping. Check your instruments for oxygen level, fuel, battery charge, depth under your keel, and watch out for enemy destroyers.



SUPER CUBES AND SLIP

MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Thorn EMI Video Ltd., Upper St. Martin's Lane, London WC2.		
RET'R	BO CU DX, LA and others.		
NOTES	Joystick required		

Super Cubes — a computerized form of the Rubick Cube game. Slip — compete against the computer or a friend. Get the balls into the holes by 'tilting' the maze. Over 300 game variations.

SUPER COBRA

MEM	Unex	BAUD	NA
COL	Y	SOUND	Y
COST	£34.00	F'MT	Cr
SUP'R	Parker Bros., c/o The Palitoy Company, Owen St., Coalville, Leicestershire.		
RET'R	AG WO RU GE BO SM MZ TE		
NOTES	None		

TENNIS

MEM	16K	BAUD	NA
COL	Y	SOUND	Y
COST	£24.99	F'MT	Cr
SUP'R	Atari Interional, Railway Terracs, Slough.		
RET'R	0753 24561		
NOTES	Requires joystick		

Play singles or doubles against the computer or an opponent. From a baseline perspective you position yourself for each return and choose your best shot.

THORN EMI COMPUTE 4 AND REVERSI

MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Thorn EMI Video Ltd., Upper St. Martin's Lane, London WC2.		
RET'R	BO CU DX GA LA & others		
NOTES	Requires an Atari Basic cartridge. Joystick		

Compute 4 — Drop counters into a frame, work to make a line of 4 of 1 colour. Reversi — An ancient game played on a chess board. Capture your opponents pieces by containing them between your own.

TUTANKHAM

MEM	Unex	BAUD	NA
COL	Y	SOUND	Y
COST	£34.00	F'MT	Cr
SUP'R	Parker Bros., c/o The Palitoy Company, Owen St., Coalville, Leicestershire.		
RET'R	AG WO RU GE BO SM MZ TE		
NOTES	Ncne		

VIDEO EASEL

MEM	8K	BAUD	NA
COL	Y	SOUND	Y
COST	£24.99	F'MT	Cr
SUP'R	Atari Interional, Railway Terrace, Slough.		
RET'R	0753 24561		
NOTES	Requires joystick		

A game of imagination and design. Watch your designs expand and unfold, mocify them with infinite variations.

WORD OLYMPICS

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9 95	F'MT	Ca/D
SUP'R	English Software, Box 43, Manchester.		
RET'R	WO MZ CU DX BO LA GE		
NOTES	XL Series compatible		

One or two player anagram game for all ages. First player to win reaches the winning post. Several hundred words in memory.

CASHBOOK			
MEM	32K	BAUD	1200
COL	N	SOUND	N
COST	£7.95	F'MT	Ca/D
SUP'R	Micro-Aid, 25 Fore Street, Praze-An-Beeble, Camborne, Cornwall		
RET'R	AA		
NOTES	None		

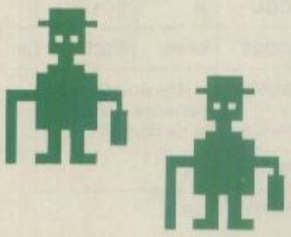
Double entry cashbook with full analysis for any ledger output.

CASHBOOK ACCOUNTING			
MEM	Unex	BAUD	1200
COL	Y	SOUND	N
COST	£59.95	F'MT	Ca/D
SUP'R	Gemini Marketing Ltd., 18a Littleham Road, Exmouth, Devon.		
RET'R	AA		
NOTES	Printer is essential		

Complete 'stand alone' accounting software package. For cash based sole trader/partnership business.

DATABASE			
MEM	32K	BAUD	1200
COL	Y	SOUND	N
COST	£11.90	F'MT	Ca/D
SUP'R	Acornsoft Ltd., 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL and others		
NOTES	Disc £15.35		

A database system with up to 800 records per file, allowing 240 characters per field and 32 fields per record.



DATABASE			
MEM	Unex	BAUD	1200
COL	Y	SOUND	N
COST	£19.95	F'MT	Ca/D
SUP'R	Gemini Marketing Ltd., 18z Littleham Road, Exmouth, Devon.		
RET'R	AA		
NOTES	Disc £23.95		

Database Management System — stores information in a card index format.

DATABASE			
MEM	Unex	BAUD	1200
COL	Y	SOUND	N
COST	£19.95	F'MT	Ca/D
SUP'R	Gemini Marketing Ltd., 18a Littleham Road, Exmouth, Devon.		
RET'R	AA		
NOTES	Disc £23.95		

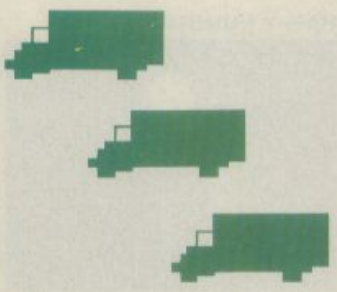
Database Management System — stores information in a card index format.

DISKFILE			
MEM	32K	BAUD	NA
COL	Y	SOUND	N
COST	£13.50	F'MT	D
SUP'R	Molimerx Limited, 1 Buckhurst Road, Bexhill-on-Sea, E. Sussex		
RET'R	DO EC MK PJ RO SI SW WC		
NOTES	None		

Diskfile is a straightforward database management program.

DESK DIARY			
MEM	16K	BAUD	1200
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Acornsoft Limited, 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL & others		
NOTES	None		

Address Book:- Holds several hundred names, addresses and telephone numbers, retrievable by name or other information specified. Planner:- Space for 300 entries: appointments, regular events, and exclusive entries (e.g. holidays) to prevent appointments during them. Automatic features include real time alarm.



EASILEDGER			
MEM	Unex.	BAUD	1200
COL	Y	SOUND	N
COST	£19.95	F'MT	Ca/D
SUP'R	Gemini Marketing Ltd., 18a Littleham Road, Exmouth, Devon.		
RET'R	AA		
NOTES	Disc £23.95		

Debit/credit ledger system to handle sales, purchase & nominal ledger routines.

FINAL ACCOUNTS			
MEM	Unex.	BAUD	1200
COL	Y	SOUND	N
COST	£59.95	F'MT	Ca/D
SUP'R	Gemini Marketing Ltd., 18a Littleham Road, Exmouth, Devon.		
RET'R	AA		
NOTES	Requires Gemini 'Cashbook' module.		

Takes cashbook data & produces complete set of accounts in set format.

FORECAST			
MEM	32K	BAUD	1200
COL	Y	SOUND	N
COST	£11.90	F'MT	Ca
SUP'R	Acornsoft Limited, 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL & others		
NOTES	None		

Forecast:- Makes financial predictions from calculating trends by applying sophisticated statistical techniques to data. Results can be printed for circulation. Capital:- Evaluates investment proposals by calculating likely returns, based on user-variable assumptions, giving analysis of the value of proposals.

GRAPHPLOT			
MEM	Unex	BAUD	1200
COL	Y	SOUND	N
COST	£19.95	F'MT	Ca/D
SUP'R	Gemini Marketing Ltd., 18a Littleham Road, Exmouth, Devon.		
RET'R	AA		
NOTES	Disc £23.95. Interfaces with Gemini Spreadsheet Analysis and Cashbook.		

This program will output data in the form of pie charts, bar charts or as a simple graph.

INVOICES AND STATEMENTS			
MEM	Unex	BAUD	1200
COL	Y	SOUND	N
COST	£19.95	F'MT	Ca/D
SUP'R	Gemini Marketing Ltd., 18a Littleham Road, Exmouth, Devon.		
RET'R	AA		
NOTES	Disc £23.95		

Stores information essential for invoices and statements and produces professionally formatted documents.

PAYROLL			
MEM	Unex	BAUD	1200
COL	Y	SOUND	N
COST	£39.95	F'MT	Ca/D
SUP'R	Gemini Marketing Ltd., 18a Littleham Road, Exmouth, Devon.		
RET'R	AA		
NOTES	None		

Handles payroll for up to 50 employees and prints most frequently used PAYE forms.

BBC BUSINESS £

SPREADSHEET ANALYSIS			
MEM	Unex	BAUD	1200
COL	Y	SOUND	N
COST	£19.95	F'MT	Ca/D
SUP'R	Gemini Marketing Ltd., 18a Littleham Road, Exmouth, Devon.		
RET'R	AA		
NOTES	Disc £23.95		

Spreadsheet processor with on screen amendment facility, compatible with Gemini Graphplot.

STOCK CONTROL			
MEM	Unex	BAUD	1200
COL	Y	SOUND	N
COST	£19.95	F'MT	Ca/D
SUP'R	Gemini Marketing Ltd., 18a Littleham Road, Exmouth, Devon.		
RET'R	AA		
NOTES	Disc £13.95		

Complete inventory control program to record stock progress and requirements.

VIEW			
MEM	32K	BAUD	1200
COL	N	SOUND	N
COST	£59.80	F'MT	E
SUP'R	Acornsoft Limited, 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL & others		
NOTES	None		

View offers all the facilities of a professional word processor, designed for businesses and the individual alike. You can use any printer which is compatible with the BBC microcomputer.

VIEW PRINTER DRIVERS			
MEM	32K	BAUD	1200
COL	N	SOUND	N
COST	£9.95	F'MT	Ca
SUP'R	Acornsoft Limited, 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL & others		
NOTES	None		

Five printer drivers to make facilites like bold and underline available through View. For the following printers:- Diabolo and Qume, Ricoh 1600 and NEC prinwritter, Olivetti, JP101, Epson MX80 (III), Facit 8105 and 8000.

VIEWSHEET			
MEM	32K	BAUD	1200
COL	N	SOUND	N
COST	£59.80	F'MT	E
SUP'R	Acornsoft Limited, 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL & others		
NOTES	None		

A professional standard spreadsheet program, the numerical equivalent of a word processor. It holds 65,000 cells and files can be printed out and converted to View format.

WORDPRO			
MEM	32K	BAUD	1200
COL	N	SOUND	Y
COST	£10.50	F'MT	Ca/D
SUP'R	IJK Software Ltd., 9 King Street, Blackpool, Lancs.		
RET'R	AA		
NOTES	Disc at extra cost		

Cassette based word processor for either Epson or Seikosha printers. Features justification, alter, insert, delete, pages to tape, printer mode changes from within text line, etc. Complete with manual.

WORD PROCESSOR			
MEM	Unex.	BAUD	1200
COL	Y	SOUND	N
COST	£19.95	F'MT	Ca
SUP'R	Gemini Marketing Ltd., 18a Littleham Road, Exmouth, Devon.		
RET'R	AA		
NOTES	None		

Word processing package holding up to 1000 words in memory.

BBC EDUCATION

A GAME OF COMPUTER LOGIC			
EM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£8.50	F'MT	Ca
SUP'R	N. Darwood Ltd., Halfacre, Stroud, Petersfield, Hampshire.		
RET'R	AA		
NOTES	one		

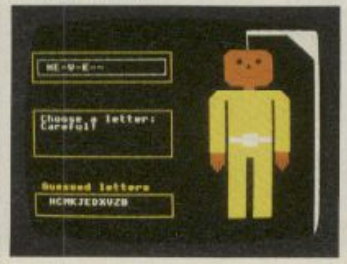
One player enters a Boolean equation such as A'C'DF + B'C'D and the Karnaugh map pattern appears on the screen. His opponent attempts to write the equation of the pattern.

A GAME OF PARITY DETECTION & AVOIDANCE			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.65	F'MT	Ca
SUP'R	N. Darwood Ltd., Halfacre, Stroud, Petersfield, Hampshire.		
RET'R	AA		
NOTES	None		

A competilive game for two players, or one player against the computer. You learn about computer-data error detection.

GEOGRAPHY SPAIN

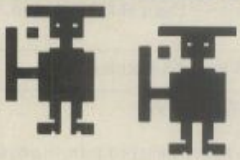
WORD HANG



HAPPY NUMBERS

GEOGRAPHY — ITALY

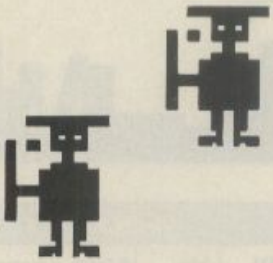
BBC EDUCATION



A GAME OF SENTENCE CONSTRUCTION

MEM	16K	**BAUD**	Norm
COL	N	**SOUND**	N
COST	£4.95	**F'MT**	Ca
SUP'R	N.Darwood Ltd., Halfacre, Strcud, Petersfield, Hampshire		
RET'R	AA		
NOTES	None		

You build up a miniature vocabulary of special words (i.e. computer acceptable words) which you use to create sentences. An example, 'lor cool chops add hot chips'.



ADDITIONAL FUN: NUMERACY 2

MEM	Unex	**BAUD**	Norm
COL	Y	**SOUND**	Y
COST	£14.95	**F'MT**	Ca
SUP'R	Shiva Publishing Ltd., 4 Church Lane, Nantwich, Cheshire.		
RET'R	NC BL JS HE CH SM		
NOTES	One of elever programs which make up the Shiva First Mathematics Programme. together they form a coherent learning programme but can be used separately.		

The cassette contains 5 programs dealing with numeracy for 5 to 8 year-olds. Cats: knock the ten cats off the wall and watch the birdie triumph. Octopus: Olly the octopus will flash his tentacles at you until you complete the ten spots on each — then he'll bubble with delight. Picture: want to see the magic picture? To uncover it, just match the pairs of numerals to the dots. Moon: the first player to get all his spacemen into the rocket will take off for the moon. Castle: to take over the castle, your soldiers must be the first over the wall. You'll have to guide them carefully up the ladders!

ACTION OF THE HEART

MEM	32K	**BAUD**	Norm
COL	Y	**SOUND**	Y
COST	£11.00	**F'MT**	Ca/D
SUP'R	Garland Computing, 36 Dean Hill, Plymouth.		
RET'R	AA and others		
NOTES	None		

A computer-assisted learning program to help learning the anatomy and function of the heart. Animated diagrams show blood flow and operation of the valves. For biology and nursing students.

ALGEBRAIC MANIPULATION

MEM	16K	**BAUD**	1200
COL	N	**SOUND**	N
COST	£9.95	**F'MT**	Ca
SUP'R	Acornsoft Ltd., 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL & others		
NOTES	None		

Polynom:- expands, simplifies, differentiates or integrates a polynomial into the equivalent polynomial. Rational:- can expand and simplify expressions of rational terms into equivalent ratios of two poynomials, reduced to lowest terms. Trigonom:- expands, simplifies, differentiates or integrates trigonometric expressions, including ratios of trigonometric terms, into equivalent standard forms. Fourier:- performs trigonometric transformations into a linear combination of sines and cosines of integer multiples of X.

ALPHACHOPPER & SNAKEBITER

MEM	32K	**BAUD**	Norm
COL	Y	**SOUND**	Y
COST	£9.95	**F'MT**	Ca
SUP'R	Sulis Software, John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA		
NOTES	None		

In Snakebiter, children hunt letters with a snake. In Alphachopper, they steer a helicopter safely on to the correct letter — the race is on to lift as many letters as possible before the fuel runs out.

ANIMATED ARITHMETIC

MEM	16K	**BAUD**	Norm
COL	Y	**SOUND**	Y
COST	£6.50	**F'MT**	Ca/D
SUP'R	LCL, 26 Avondale Avenue, Staines.		
RET'R	AN LC LY SN IN CC MH AI		
NOTES	Disc £7.50.		

This teaches arithmetic using moving colour pictures (not words). Suitable for ages 3-8 or for remedial classes. It is very easy to use and consists or two programs, Clown Count and Adcitional Express.

ANIMAL/VEGETABLE/MINERAL

MEM	32K	**BAUD**	1200
COL	Y	**SOUND**	Y
COST	£8.97	**F'MT**	Ca/D
SUP'R	Bourne Ed. Software Ltd., Bedfield Lane, Headbourne Worthy, Winchester.		
RET'R	BO SM AC AA		
NOTES	Disc £10.98		

The program asks the child to think of an object and the computer tries to guess it correctly. When it fails the child 'educates' the computer by entering questions to help it decide. (ages 7-13).

BARRAGE

MEM	32K	**BAUD**	Norm
COL	Y	**SOUND**	Y
COST	£7.95	**F'MT**	Ca
SUP'R	Micro Power Ltd., 8/8a Regent Street, Chapel Allerton, Leeds.		
RET'R	AA		
NOTES	None		

Determine the angle of fire and velocity, taking into account the wind speed and direction, to hit your opponent's gun. Features include random landscapes and the facility to fire volleys.

BEARINGS

MEM	32K	**BAUD**	Norm
COL	Y	**SOUND**	Y
COST	£5.10	**F'MT**	Ca/D
SUP'R	Bryants (Ed.) Software, 1 The Hollies, chalcraft Lane, N. Berstead, Bognor Regis.		
RET'R	IN MR MO BA NS		
NOTES	Disc extra cost.		

Draws bearings in multiples of 015; draws second bearing from first: uses game and graphic locations for added interest. OS1.2.

BEEP-BEEP

MEM	32K	**BAUD**	1200
COL	Y	**SOUND**	Y
COST	£4.50	**F'MT**	Ca/D
SUP'R	IJK Software Ltd., 9 King Street, Blackpool, Lancs.		
RET'R	AA		
NOTES	Disc extra cost.		

Match the notes the computer plays, very much enjoyed by children. Includes the choice of the number of notes (colours) and sounds.

BLOOD CIRCULATION 'MAZE'

MEM	32K	**BAUD**	Norm
COL	N	**SOUND**	N
COST	£11.00	**F'MT**	Ca/D
SUP'R	Garland Computing, 35 Dean Hill, Plymouth.		
RET'R	AA & others		
NOTES	None		

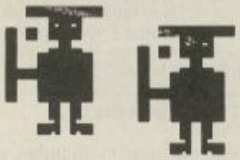
Revision exercise for CSE/O level students of Biology on the human blood circulatory system. Novel approach allows a class of 24 pupils to revise knowledge of blood vessels.

BROADWATER ECONOMICS SIMULATIONS

MEM	32K	**BAUD**	Norm
COL	N	**SOUND**	N
COST	£28.50	**F'MT**	Ca
SUP'R	Sigma Technical Press, John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA		
NOTES	None		

Macro-economic simulations following models in standard textbooks. Allows use by up to 10 people at once. Includes Macronoia — a Kenynesian model of the British economy.

BBC EDUCATION



BUSINESS GAMES			
MEM	16K	BAUD	1200
COL	Y	SOUND	N
COST	£9.95	F'MT	Ca
SUP'R	Acornsoft Ltd., 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL and others		
NOTES	None		

Two educational business games. Stomark: 1-8 players buy and sell shares to turn 1200 into 5000, thus winning. Prices, dividends yields and price/earnings ratios are displayed. Telemark: Game based on making and selling televisions, win by making the largest total profit or win half the total television market.

CASSETTE 99			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.00	F'MT	Ca
SUP'R	LCL, 26 Avondale Ave., Staines, Middx.		
RET'R	AN LC LY SN IN CC MH AI		
NOTES	None		

Four junior maths programs on percentages and fractions, averages, column graphs, ratio, proportion, etc. They are suitable for self-tuition or revision.

CHEMICAL ANALYSIS			
MEM	32K	BAUD	1200
COL	Y	SOUND	N
COST	£13.80	F'MT	Ca/D
SUP'R	Acornsoft Ltd., 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL and others		
NOTES	Disc £17.25		

These three programs provide practise in identifying elements, inorganic compounds, and organic groups. Elements: Students must select tests from a menu to identify a series of mystery elements. Inorganis: Students select standard tests to identify a series of inorganic substances. Organis: Students select standard tests to identify which functional group is present in organic compounds.

CHEMICAL SIMULATIONS			
MEM	32K	BAUD	1200
COL	Y	SOUND	N
COST	£13.80	F'MT	Ca/D
SUP'R	Acornsoft Ltd., 4a Market Hill, Cambridge.		
RET'R	AA SM BO J_ and others		
NOTES	Disc £17.25		

Three programs of A-level chemistry experiments. IR: The student works out the number of atoms of each element in one molecule of compound from infra-red spectra. PH: Acid/base titrations, (1) Basic review with graph plotting, (2) Elementary theory test, (3) Mathematical theory test, (4) Graded problems with model answers. Crganal: Organic functional group analysis, by students selecting reagents for tests to identify the compound.

CHEMICAL STRUCTURES			
MEM	32K	BAUD	1200
COL	Y	SOUND	N
COST	£13.80	F'MT	Ca/D
SUP'R	Acornsoft Ltd., 4a Market Hill, Cambridge.		
RET'R	AA SM BO J_ and others		
NOTES	Disc £17.25		

Bonding: The computer shows structure with outer electron shells of a compound of two elements chosen by the student from the first 18 elements, with one a non-metal. Shape: As with Bonding, two elements are chosen, then the 3D molecular structure of the compound is drawn.

CHEMISTRY			
MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£8.95	F'MT	Ca
SUP'R	Scisoft, 5 Minster Gardens, Newthorpe, Eastwood, Notts.		
RET'R	AA		
NOTES	None		

A suite of several programs including problems, multiple choice questions and discover the 'unknowns'. Comprehensive revision notes included (ages 13-16).

CHEMISTRY			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Micro Power Ltd., 8/8a Regent Street, Chapel Allerton, Leeds.		
RET'R	AA		
NOTES	None		

Makes learning the atomic table including atomic symbols, atomic number and normal form of the element much more fun. Four levels from beginner through to professor.

CHILDREN FROM SPACE			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£10.95	F'MT	Ca
SUP'R	ASK Limited, London House, 68 Upper Richmond Road, SW15.		
RET'R	AA & others		
NOTES	None		

A game to improve children's English by asking them to help two spacechildren write their report from earth. This includes correcting spelling mistakes, changing the tense of sentences and rearranging jumbled sentences.

CHORDS			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.50	F'MT	Ca/D
SUP'R	Aztec Software, 25 St. Mark Road, Deepcar, Sheffield.		
RET'R	AA		
NOTES	Disc £8.50		

Specially written to assist students who are learning an instrument. Split into sections for beginner or Musician then four further sections. Instructs in written and played musical chords.

CIRCUITS-DIODES			
MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£11	F'MT	Ca/D
SUP'R	Garland Computing, 35 Dean Hill, Plymouth.		
RET'R	AA & others		
NOTES	None		

An interesting program in physics for 12-15 year olds. Simulation of simple, to complex parallel and series circuits.

CIRCUITS-SWITCHES			
MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£11	F'MT	Ca/D
SUP'R	Garland Computing, 35 Dean Hill, Plymouth.		
RET'R	AA & others		
NOTES	None		

An interactive physics program for 12-15 year olds. Simulation of simple to complex parallel and series circuits. Keyboard commands used to open and close switches and light bulbs in the circuit.

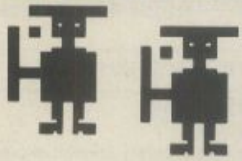
CLAWS			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.10	F'MT	Ca/D
SUP'R	Bryants (Ed.) Software, 1 The Hollies, Chalcraft Lane, N. Bersted, Bognor Regis.		
RET'R	IN MR MO BA NS		
NOTES	Disc extra cost		

Animated claw moves once choice is made of arithmetical operations with hidden element only revealed once program is started.

CLOZE PROCEDURE			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.10	F'MT	Ca/D
SUP'R	Bryants (Ed.) Software, 1 The Hollies, Chalcraft Lane, N. Bersted, Bognor Regis.		
RET'R	IN MR MO BA NS		
NOTES	Disc extra cost		

Follows Bullock Report. Choice from five passages which can have set intervals of word or part-word deletion: Syntax, comprehension exercise. Print-out facility.

BBC EDUCATION



CONSTELLATION			
MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Micro Power Ltd., 8/8a Regent Street, Chapel Allerton, Leeds.		
RET'R	AA		
NOTES	None		

Accurate plotting of over 450 stars in 50 constellations as you sweep the sky with your 'telescope', zooming in and out. Option to print an annotated star map.

CORN CROPPER			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.99	F'MT	Ca
SUP'R	C.C.S. Ltd., 14 Langton Way, London SE3.		
RET'R	GE		
NOTES	None		

Simulation of a commercial wheat farm. Start with £50,000, 30 acres, a tractor and two workers. Decisions on planting, irrigating, fertilizing, spraying, harvesting, buying seed corn, land and machinery.

COUNT			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Supplied by: Clares, 222 Townfields Road, Winsford, Cheshire.		
RET'R	AC PC AA		
NOTES	None		

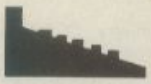
A counting program that uses good graphics to teach the concepts of counting. Suitable for children who can handle numbers up to 20.

COUNTDOWN			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£3.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham.		
RET'R	AA		
NOTES	Printer option		

Tests of ten questions from pools of 20 at each of three levels. With 10/10, the rocket, built during the game, takes off. REMs help you enter own data.

COUNTIES			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.10	F'MT	Ca/D
SUP'R	Bryants (Ed.) Software, 1 The Hollies, Chalcraft Lane, N. Bersted. Bognor Regis.		
RET'R	IN MR MO BA NS		
NOTES	Disc extra cost		

Provides user-controlled jet plane for locating towns, rivers, counties covering Southern England in full colour and appropriate sound effects. OS1.2.



CRANKY			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£10.95	F'MT	Ca
SUP'R	ASK Ltd., London House, 68 Upper Richmond Road, London SW15.		
RET'R	AA & others		
NOTES	None		

Involves exploring number patterns and the relationships between numbers through a pocket calculator, whose fault (shown on the 1-100 number square) can be repaired by building the numbers in the pattern. (age 3-12).

CROCODILES			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.10	F'MT	Ca/D
SUP'R	Bryants (Ed.) Software, 1 The Hollies, Chalcraft Lane, Nr. Bersted, Bognor Regis.		
RET'R	IN MR MO BA NS		
NOTES	Disc extra cost		

Complements 'Towers' program: user can release 'tame' croc to catch given odd/even number: rows of angry crocs wait to punish wrong answer. Highly animated to suit very young user.

CROSSED WORDS			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.50	F'MT	Ca/D
SUP'R	Aztec Software, 25 St. Mark Road, Deepcar, Sheffield.		
RET'R	AA		
NOTES	Disc £8.50		

Five separate sections each one containing 100 letters. Minimum of 14 words to find in each section. Correct answers given if needed. Colourful display with scoring shown.

DNA STRUCTURE AND REPLICATION			
MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£16.50	F'MT	Ca/D
SUP'R	Garland Computing, 36 Dean Hill, Plymouth.		
RET'R	AA and others		
NOTES	None		

Interactive visual aid for teaching genetics (16+). Step-by-step familiarisation with nucleic acid structure, semi-conservative replication, role of enzymes.

EARLYNUM			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.10	F'MT	Ca/D
SUP'R	Bryants (Ed.) Software, 1 The Hollies, Chalcraft Lane, N. Bersted, Bognor Regis.		
RET'R	IN MR MO BA NS		
NOTES	Disc extra cost		

Graphically represents chosen numbers or checks for correct count: includes simple number comparisons option and will draw common graphical shapes.

EDUCATIONAL 1			
MEM	32K	BAUD	1200
COL	Y	SOUND	N
COST	£8.00	F'MT	Ca
SUP'R	Golem Ltd., 77 Qualitas, Bracknell, Berks.		
RET'R	SM MZ and others		
NOTES	None		

For children aged 5 to 9 years. Animated graphics will encourage children to enjoy maths, spelling and telling the time.

EDUCATIONAL 2			
MEM	32K	BAUD	1200
COL	Y	SOUND	N
COST	£8.00	F'MT	Ca
SUP'R	Golem Ltd., 77 Qualitas, Bracknell, Berks.		
RET'R	SM MZ and others		
NOTES	None		

Similar to Educational 1, but more advanced and aimed at 7 to 12 year olds. Includes Math 1, Math 2, Area, Memory (Model B only), Cubecount and Spell.

EDUCATION 1			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Simon Software, Blansheay, Droitwich Road, New End, Redditch, Worcs.		
RET'R	AA		
NOTES	None		

Mapdraw — draw a map in three colours. Rubout command. Superimpose titles, names of towns, etc., save complete map.

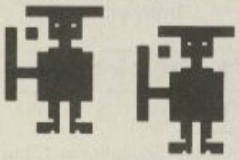
EDUCATION 2			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Simon Software, Blansheay, Droitwich Road, New End, Redditch.		
RET'R	AA		
NOTES	None		

Enter details of bark, leaf characteristics to classify nearly all British trees.

ELECTROSTATICS			
MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£11.00	F'MT	Ca/D
SUP'R	Garland Computing, 36 Dean Hill, Plymouth.		
RET'R	AA and others		
NOTES	None		

A set of four short programs which will help teachers explain electrostatic phenomena in conjunction with practical work.

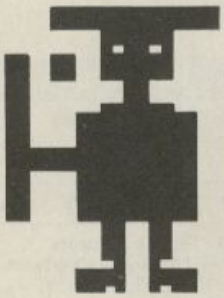
BBC EDUCATION



ELEMENTS AND COMPOUNDS

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£11.00	F'MT	Ca/D
SUP'R	Garland Computing, 36 Dean Hill, Plymouth.		
RET'R	AA and others		
NOTES	None		

A set of three programs which will be useful in CSE/O level chemistry courses, showing graphically how atomic structure determines the properties of elements and how they react to form compounds. Problems are used to test understanding.



EUROPEAN STUDIES

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.50	F'MT	Ca/D
SUP'R	Aztec Software, 25 St. Mark Road, Deepcar, Sheffield.		
RET'R	AA		
NOTES	None		

Detailed high resolution map of Europe. 14 more enlarged maps of different countries available. 15 towns in each country asked. Solutions provided if needed. Scoring system. Multicoloured display showing borders, etc.

EUCLIDEAN GEOMETRY

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca/D
SUP'R	Impact Software, 70 Redford Avenue, Edinburgh.		
RET'R	AA and others		
NOTES	None		

Teaches 9 main forms and exceptions and offers exercises on angle logic, picture/symbol logic, mixed or random. Also gives brief history.

FACEMAKER

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£10.95	F'MT	Ca
SUP'R	ASK Ltd., London House, 68 Upper Richmond Road, London.		
RET'R	AA & others		
NOTES	None		

A game about observation enabling children to build faces on the screen, Identikit sytle. The computer draws pictures, in replay to answers typed in by the child. (Age 5-12).

FEMALE REPRODUCTIVE CYCLE

MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£12.00	F'MT	Ca/D
SUP'R	Garland Computing, 36 Dean Hill, Plymouth.		
RET'R	AA and others		
NOTES	None		

Interactive visual aids for use in biology, sex education and nursing courses. Diagrammatic illustrations of ovarian and uterine cycles, hormone interactions. Shows events occuring during fertilization and implantation.

FLAGS

MEM	32K	BAUD	1200
COL	Y	SOUND	Y
COST	£4.50	F'MT	Ca/D
SUP'R	IJK Software Ltd., 9 King Street, Blackpool.		
RET'R	AA		
NOTES	Disc at extra cost		

The flags of the world are drawn in hi-res colour graphics. The program then tests your knowledge of flags and geography.

FOL-DE-ROL

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca/D
SUP'R	Sulis Software, Ltd., 4 Church Street, Abbey Green, Bath.		
RET'R	JO		
NOTES	None		

A spelling program with simple but tricky words. A clue and definition are given — you have to spell it right, escape the Troll and get three goats across the bridge.

FORENSIC

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£3.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham.		
RET'R	AA		
NOTES	None		

For chemistry, CSE upwards — a detection game involving standard qualitative tests. The program won an award in the 1982 Sinclair Educational software competition.

FRENCH

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£3.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham.		
RET'R	AA		
NOTES	Printer option		

Tests of ten vocabulary questions from pools of twenty at each of three levels or mixed. With 10/10, the rocket, built during the game, takes off. End of first year.

FRENCH TUTOR

MEM	32K	BAUD	1200
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Salamander Software, 17 Norfolk Road, Brighton, E. Sussex.		
RET'R	DX SC BO WP CA		
NOTES	None		

Tests vocabulary speech idioms and irregular verbs. Complete with 1000 word vocabulary. Allows creation of your own tests on tape files. Progress assessment and revision list at any time.

FUN WITH WORDS

MEM	32K	BAUD	1200
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Golem Ltd., 77 Qualitas, Bracknell, Berks.		
RET'R	MZ and others		
NOTES	None		

Alphabet puzzles in Alpha. Learn about vowels, know the difference between there and their and have games suffixes. Game of Hangman.

GCE MATHS REVISION

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.50	F'MT	Ca/D
SUP'R	Bryants (Ed.) Software, 1 The Hollies, Charlcraft Lane, N. Bersted, Bognor Regis.		
RET'R	IN MF MO BA NS		
NOTES	Disc at extra cost		

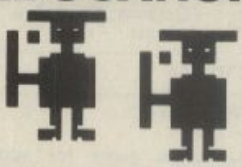
Revision course (3 tapes) for CSE/GCE candidates. Each tape covers given part of Paper II syllabus in considerable depth. Additional documentation and figures included.

GEOGRAPHY — AUSTRALIA

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6	F'MT	Ca/D
SUP'R	Corona Software, 73 High Road, South Woodford, London E18.		
RET'R	WA GG MW CT GC GU SI		
NOTES	None		

The Australian flag is displayed and the national anthem is played. Colour maps show sea areas, rivers, towns, mountains and states. Then there is a quiz which allows for spelling errors.

BBC EDUCATION



GEOGRAPHY — BELGIUM

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.00	F'MT	Ca/D
SUP'R	Corona Software, 73 High Road, South Woodford, London E18.		
RET'R	WA GG MW CT GC GU SI		
NOTES	Disc £9.00		

The Belgian flag is displayed and the national anthem is played. Colour maps show sea areas, rivers, towns and mountains. Then there is a quiz which allows for spelling errors.

GEOGRAPHY — FRANCE

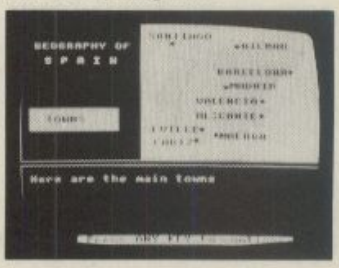
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.00	F'MT	Ca/D
SUP'R	Corona Software, 73 High Road, South Woodford, London E18.		
RET'R	WA GG MW CT GC GU SI		
NOTES	Disc £9.00		

The French flag is displayed and the national anthem is played. Colour maps show sea areas, rivers, towns and mountains. Then there is a quiz which allows for spelling errors.

GEOGRAPHY — SPAIN

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6	F'MT	Ca/D
SUP'R	Corona Software, 73 High Road, South Woodford, London.		
RET'R	WA GG MW CT GC GU SI		
NOTES	£9 Disc		

The Spanish flag is shown and the national anthem played. Colour maps show sea areas, rivers, towns, and mountains, followed by a quiz which allows for spelling errors.



GEOGRAPHY — GERMANY

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.00	F'MT	Ca/D
SUP'R	Corona Software, 73 High Road, South Woodford, London E18.		
RET'R	WA GG MW CT GC GU SI		
NOTES	Disc £9.00		

The German flag is displayed and the national anthem is played. Colour maps show sea areas, rivers, towns and mountains, with a quiz and current assessment score.

GEOGRAPHY — INDIA

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.00	F'MT	Ca/D
SUP'R	Corona Software, 73 High Road, South Woodford, London E18.		
RET'R	WA GG MW CT GC GU SI		
NOTES	Disc £9.00		

The Indian flag is displayed and the national anthem is played. Colour maps show sea areas, rivers, towns and mountains. Then there is a quiz which allows for spelling errors.

GEOGRAPHY — ITALY

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.00	F'MT	Ca/D
SUP'R	Corona Software, 73 High Road, South Woodford, London E18.		
RET'R	WA GG MW CT GC GU SI		
NOTES	Disc £9.00		

The Italian flag is displayed and the national anthem is played. Colour maps show sea areas, rivers, towns and mountains, with a quiz for each. Climate and agriculture are also mentioned.

GEOGRAPHY — USA

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6	F'MT	Ca/D
SUP'R	Corona Software, 73 High road, South Woodford, London.		
RET'R	WA GG MW CT GC GU SI		
NOTES	£9 Disc		

The USA flag is shown while the national anthem is played. Colour Maps show sea areas, rivers, towns, mountains and Great Lakes, followed by a quiz which allows for spelling errors.

GENETIC CODE/MUTATION

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£16.50	F'MT	Ca/D
SUP'R	Garland Computing, 36 Dean Hill, Plymouth.		
RET'R	AA and others		
NOTES	None		

Interactive visual aid for teaching genetics (16+) Show principles of genetic code, transcription and translation, and varicus ways in which mutations arise.

GET IT RIGHT

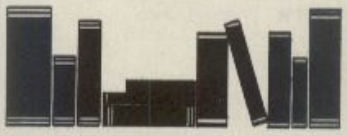
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Sulus Software, John Wiley & Sons Limited, Baffins Lane, Chichester.		
RET'R	AA		
NOTES	None		

Get It Right. Simple explanations show you what's right, and then you're let loose on texts full of tricky traps to check that you know what you're doing.

GLYCOLYSIS/TCA CYCLE

MEM	32K	BAUD	Norm
COL	N	SOUND	N
COST	£15.00	F'MT	Ca/D
SUP'R	Garland Computing, 36 Dean Hill, Plymouth		
RET'R	AA and others		
NOTES	None		

For students of Biology (A level) and Biochemistry. Uses animated graphics to show reactions of Glycolysis and TCA Cycles. clearly shows involvement of enzymes and co-factors.



GORE POINT (ECOLOGY SIMULATION)

MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£16.50	F'MT	Ca/D
SUP'R	Garland Computing, 36 Dean Hill, Plymouth		
RET'R	AA and others		
NOTES	None		

For Biology students at 'A' level and above. Interactive Ecological Simulation of distribution organisms on a seashore. Investigate the effect of environmental factors.

GRAMMAR TREE NOUNS & ADJECTIVES

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£10.95	F'MT	Ca/D
SUP'R	Sulis Software, John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA		
NOTES	None		

Subjects and Predicates, and a guided tour of Subjects in particular, with the mettlesome trio of Nouns, Articles and Adjectives accompanying your every step. Clauses and phrases get put in their palce on the way.

GRAMMAR TREE SENTENCES

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£10.95	F'MT	Ca/D
SUP'R	Sulis Software, John Wiley & Sons Limited, Baffins Lane, Chichester.		
RET'R	AA		
NOTES	None		

Sentences loom larger in the Grammar Tree than in most traditional grammars. Peering at Passives, Pronouns, Possessives and other grammatical plug-uglies through the prism of the Sentence soon puts them into focus.

GRAMMAR TREE VERBS & ADVERBS

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£10.95	F'MT	Ca/D
SUP'R	Sulis Software, marketed by John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA		
NOTES	None		

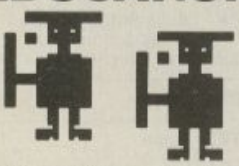
Verb phrases, verbs and adverbs, steers you through that mysterious thing called the Predicate. Verbs, objects, adverbs and prepositions drop into their allotted place on the Grammar tree.

GRAPH-PLOTTER (FUNCTIONS)

MEM	32K	BAUD	Norm
COL	N	SOUND	N
COST	£11.00	F'MT	Ca/D
SUP'R	Garland Computing, 36 Dean Hill, Plymouth		
RET'R	AA and others		
NOTES	None		

A program which draws graphs of functions — using polar or cartesian co-ordinates. Wide applications in maths and physics courses.

BBC EDUCATION



GRAPHS

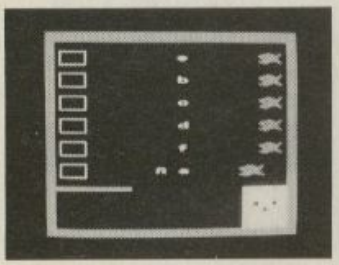
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.10	F'MT	Ca/D
SUP'R	Bryants (Ed.) Software, 1 The Hollies, Chalcraft Lane, N. Bersted, Bognor Regis.		
RET'R	IN MR MO BA NS		
NOTES	Disc at extra cost		

Explains and demonstrates main arithmetical graphs: allows user to enter own similar data.

HAPPY LETTERS

MEM	32K	BAUD	1200
COL	Y	SOUND	Y
COST	£8.97	F'MT	Ca/D
SUP'R	Bourne Ed. Software Ltd., Bedfield Lane, Headbourne Worthy, Winchester.		
RET'R	BO SM AC AA		
NOTES	Disc £10.98		

Helps children match upper and lower case letters, both on the screen and the keyboard. Motivation as they try to stop the crocodile eating the fishes. (ages 3-5).



HAPPY NUMBERS

MEM	32K	BAUD	1200
COL	Y	SOUND	Y
COST	£8.97	F'MT	Ca/D
SUP'R	Bourne Ed. Software Ltd., Bedfield Lane, Headbourne Worthy, Winchester.		
RET'R	BO SM AC AA		
NOTES	Disc £10.98		

Uses full colour graphics to present attractive images to encourage children to learn their numbers and count. Happy/sad face responses to entries with visible scoring (ages 3-5).

HIDE AND SEEK

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£10.95	F'MT	Ca
SUP'R	ASK Ltd., London House, 68 Upper Richmond Road, London SW15.		
RET'R	AA & others		
NOTES	None		

An introduction to early reading and writing. Various objects are hidden in boxes and the player must remember what went where, eventuyally typing in the names of the objects (ages 5-12).

HUE-MEN AND SHAPE-MEN

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5	F'MT	Ca
SUP'R	Clares, 222 Townfields Road, Winsford, Cheshire.		
RET'R	AC PC AA		
NOTES	Disc compatible		

Mode 7 graphics are used to extend the attention span of pre-school and infant children. Hue-Men deals with colours and shape-men deals with shapes. two separate programs.

HUMAN BLOOD GROUPS

MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£12.00	F'MT	Ca/D
SUP'R	Garland Computing, 36 Dean Hill, Plymouth		
RET'R	AA and others		
NOTES	None		

For Biology, technician training and nursing courses. Uses graphics to simulate laboratory techniques for typing human blood.

INHERITANCE

MEM	32K	BAUD	Norm
COL	N	SOUND	N
COST	£20.00	F'MT	Ca/D
SUP'R	Garland Computing, 35 Dean Hill, Plymouth.		
RET'R	AA & others		
NOTES	None		

Four programs using graphics to simulate breeding experiments with peas, drosophila and chickens to show principles of Mendelian inheritance.

INORGANIC ANALYSIS

MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£11.00	F'MT	Ca/D
SUP'R	Garland Computing, 35 Dean Hill, Plymouth.		
RET'R	AA & others		
NOTES	None		

The program contains information about 61 inorganic compounds which you must identify by requesting its properties.

INTRODUCTORY ALGEBRA

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£19.95	F'MT	Ca/D
SUP'R	Impact Software, 70 Redforc Ave., Edinburgh.		
RET'R	AA & others		
NOTES	None		

Natural number equations to multiple term and mu tiple factor integer equations.

INTRO

MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£9.95	F'MT	Ca
SUP'R	Clares, 222 Townfields Road, Winsford, Cheshire.		
RET'R	AC PC AA		
NOTES	Disk compatible		

Uses the immed ate visual responses of Turtle Graphics to introduce a number of programming concepts and techniques. Illustrates a variety of mathematical ideas; measurement, pattern, angle and the use of variables.

JARS

MEM	32K	BAUD	1200
COL	Y	SOUND	Y
COST	£11.90	F'MT	Ca/D
SUP'R	Acornsoft Limited, 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL & others		
NOTES	Disc £15.35		

Teachers can set conditions for the two parts. The first gives practice in estmating liquid volumes in jars. Using computer keys in the second, two jars can be filled and emptied to requested amounts.

JUNGLE MATHS

MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.50	F'MT	Ca
SUP'R	Scisoft, 5 Minster Gardens, Newthorpe, Eastwood, Notts.		
RET'R	AA		
NOTES	None		

Educationa game for addition, subtraction, multiplication and division. (Ages 5-13).

JUMBLES

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.10	F'MT	Ca/D
SUP'R	Bryants (Ed.) Software, 1 the Hollies, Chalcraft Lane, N. Bersted, Bognor Regis.		
RET'R	IN MR MO BA NS		
NOTES	Disc extra cost		

Simple junior-age story which has to be built up by selecting numbered words from boxes containing words in (generated) random order. Includes spelling test option on commonly misspelt words.

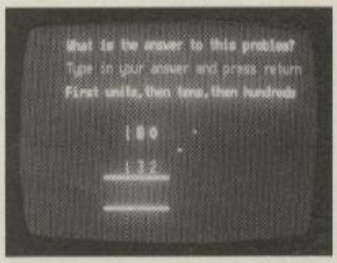
JUNIOR PINBALL (ARITHMATIC PRACTICE)

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca/D
SUP'R	Impact Software, 70 Recford Ave., Edinburgh.		
RET'R	AA & others		
NOTES	None		

JUNIOR MATHEMATICS

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£3.00	F'MT	Ca/D
SUP'R	Aztec Software, 25 St. Mark Road, Deepcar, Sheffield.		
RET'R	AA		
NOTES	Disc £5.00		

Five levels of difficulty. Three separate sections. All questions set out one under the other. Reward pattern of colour and sound. Answers given if needed. Tested in many schools.



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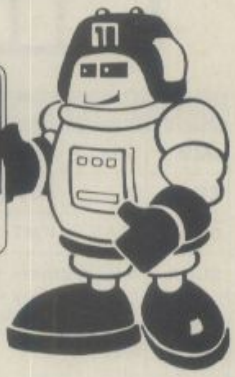


The Aylesbury Computer Centre
52 Friar's Sq., Aylesbury.
Telephone: Aylesbury (0296) 5124

The Bath Computer Centre
29 Belvedere, Lansdown Road, Bath.
Telephone: Bath (0225) 334659

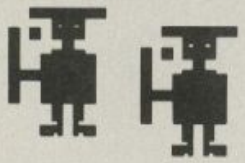
The Daventry Computer Centre
67 High St., Daventry.
Telephone: Daventry (03272) 78058

The Newbury Computer Centre
47 Cheap Street, Newbury.
Telephone: Newbury (0635) 41929

Please Note: While Microstyle will endeavour to maintain sufficient stocks of items currently or previously advertised we regret that all items are offered for sale subject to availability from manufacturers.

...BEFORE THEY DO!

BBC EDUCATION



JUNIOR MATHS PACK

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Micro Power Ltd., 8/8a Regent Street, Chapel Allerton, Leeds.		
RET'R	AA		
NOTES	None		

Makes learning fun for the 5 to 11 years olds. This package consists of three programs (menu driven) with selectable level of difficulty.

JUNIOR WORD SPLITS

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Sulis Software, marketed by John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA		
NOTES	None		

Wordsplits is a colourful package of word groups — key words that every child in the 8-11 age-range needs to recognise easily and know how to spell. The aim of the game is to put the parts of the words together.

JUST A MOT

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Sulis Software, marketed by John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA		
NOTES	None		

A bi-lingual program for learning 1000 useful and up-to-date French words. There are five vocabulary areas: travel, shopping, food and drink, essentials. Work from English in French, or vice versa.

KIDNEY STRUCTURE AND FUNCTION

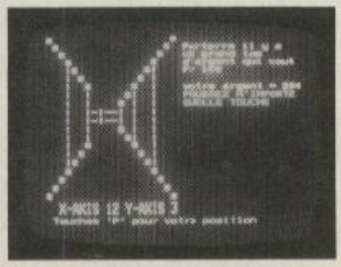
MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£12.00	F'MT	Ca/D
SUP'R	Garland Computing, 36 Dean Hill, Plymouth		
RET'R	AA and others		
NOTES	None		

Interactive program to help teaching or Kidney Tubule Anatomy, followed by animations showing function and principles of Homeostatic Control. For Biology and Nursing Courses.

LA PRINCESSE

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.50	F'MT	Ca/D
SUP'R	Aztec Software, 25 St. Mark Road, Deepcar, Sheffield.		
RET'R	AA		
NOTES	Disc £8.50		

All screen information shown in French. Colour and sound, 3D maze principle. Takes student through an involved journey meeting Golums, Nains etc. Graphics throughout and mathematical element using French Francs.



LAUNCHING LOGIC: LOGIC 1

MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£14.95	F'MT	Ca
SUP'R	Shiva Publishing Ltd., 4 Church Lane, Nantwich, Cheshire.		
RET'R	NC BL JS HE CH SM		
NOTES	None		

These programs, using logic blocks, have been designed to develop logical thinking. Logic Binge: choose a colour and shape to complete the grid. Pick a Block: choose a shape — thick or thin, small or large — to complete the grid. Ernie the Engine: rebuild Ernie to face the opposite direction, and watch him shunt across the screen. Sid the Snake: use the coloured shapes to make a pattern on the shake — but be careful not to cheat, or he'll hiss. On the Right Road: test your skill at sorting the shapes for colour, size or thickness.

LEARNING

MEM	16K	BAUD	NA
COL	Y	SOUND	Y
COST	£2.00	F'MT	L
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham.		
RET'R	AA		
NOTES	None		

A booklet of ten programs of value to children, with notes designed to help the programmer with BASIC.

LEARNING MATHS — ANGLES

MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.00	F'MT	Ca/D
SUP'R	Garland Computing, 36 Dean Hill, Plymouth		
RET'R	AA and others		
NOTES	None		

A collection of five programs using animations and simple games to show how angles are formed and names.

LEARNING MATHS — CO-ORDINATES & LINES

MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£7.00	F'MT	Ca/D
SUP'R	Garland Computing, 36 Dean Hill, Plymouth		
RET'R	AA anc others		
NOTES	None		

Five programs including games to introduce the concept of co-ordinates and equations of lines.

LEARNING MATHS — DIRECTED NUMBERS

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.00	F'MT	Ca/D
SUP'R	Garland Computing, 35 Dean Hill, Plymouth.		
RET'R	AA & others		
NOTES	None		

Three programs using animations and games to introduce the concept of positive and negative numbers.

LEARNING MATHS — ELEMENTARY STATISTICS

MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£7.00	F'MT	Ca/D
SUP'R	Garland Computing, 35 Dean Hill, Plymouth.		
RET'R	AA & others		
NOTES	None		

A set of three programs which use the computer to collect and display data using bar charts, pie charts and scatter diagrams.

LEARNING MATHS — FRACTIONS

MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£7.00	F'MT	Ca/D
SUP'R	Garland Computing, 35 Dean Hill, Plymouth.		
RET'R	AA & others		
NOTES	None		

A collection of four programs using graphics to help children understand fractions.

LEARNING MATHS — MOTION GEOMETRY

MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£7.00	F'MT	Ca/D
SUP'R	Garland Computing, 35 Dean Hill, Plymouth.		
RET'R	AA & others		
NOTES	None		

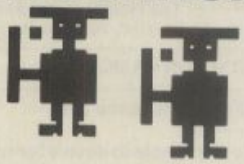
Three programs which help to introduce the ideas of elementary motion geometry.

LEARNING MATHS — RATIO

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.00	F'MT	Ca/D
SUP'R	Garland Computing, 35 Dean Hill, Plymouth.		
RET'R	AA & others		
NOTES	None		

A set of four programs introducing the simplification of ratios and their estimation. Uses absorbing games.

BBC EDUCATION



LEARNING MATHS — SETS

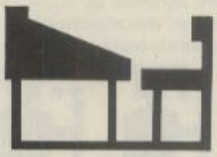
MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£7.00	F'MT	Ca/D
SUP'R	Garland Computing, 36 Dean Hill, Plymouth		
RET'R	AA and others		
NOTES	None		

A set of three programs which can be used in conjunction with conventional teaching methods to introduce the concept of sets and encourage organised thoughts and actions.

LEARNING MATHS — SYMMETRY

MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£7.00	F'MT	Ca/D
SUP'R	Garland Computing, 36 Dean Hill, Plymouth		
RET'R	AA and others		
NOTES	None		

A collection of five programs which help develop concepts of axis and symmetry. Children car draw pictures or move lines of symmetry.



LETS COUNT

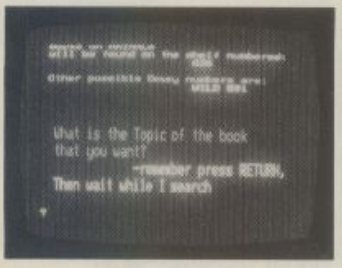
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£10.95	F'MT	Ca
SUP'R	ASK Ltd., London House, 68 Upper Richmond Road, London SW15.		
RET'R	AA & others		
NOTES	None		

A colourful game for young children beginning to learn about numbers. It introduces the numbers 1 to 9 and has sections on ordering and the relations more, less and equal.

LIBRARY DEWEY CLASSIFICATION

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.50	F'MT	Ca/D
SUP'R	Aztec Software, 25 St. Mark Road, Deepcar, Sheffield.		
RET'R	AA		
NOTES	Disc £8.50		

Contains 750 different topics. Easy to add many more topics with up to 30 words of information about each topic. Will take over 1000 with average search time of under 3 seconds.



LIFT OFF WITH NUMBERS: NUMERACY 1

MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£14.95	F'MT	Ca
SUP'R	Shiva Publishing Ltd., 4 Church Lane Nantwich, Cheshire.		
RET'R	NC BL JS HE CH SM		
NOTES	One of eleven programs which make up the Shiva First Mathematics Programme. Together they form a coherent learning programme but can be used separately.		

The cassette contains 5 programs dealing with numeracy for 5 to 8 year-olds. Washing: hang out the shirts in the correct place to match colour and pattern. Cakes: light the candles on the cakes according to the number of dots on the die. Rockets: match the size of the rockets for blast-off. Binge: make a line to beat your opponent by choosing a square with the same number of dots as the numeral shown on the die. Ladybirds: make the spots on mummy and baby ladybird add up to ten.

LINREG (GRAPHS)

MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£11.00	F'MT	Ca/D
SUP'R	Garland Computing, 36 Dean Hill, Plymouth		
RET'R	AA and others		
NOTES	None		

A general graph-plotting program with wide uses in schools and colleges. Data can be input, transformed and edited and a line of best fit will be drawn.

LOGO CHALLENGE

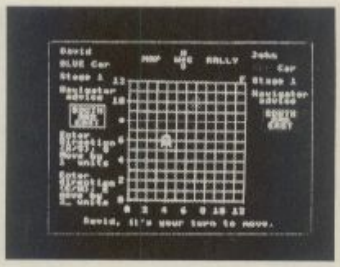
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£29.95	F'MT	Ca/D
SUP'R	Addison-Wesley Publishers Ltd., 53 Bedford Square, London WC1		
RET'R	AA		
NOTES	Disc £37.95. Software is supplied (two copies) as a classroom package with pupil's book and teacher's guide.		

Logo challenge is an educational program written in BASIC to simulate the turtle graphics of the full Logo language. It is intended for classroom use.

MAP RALLY

MEM	32K	BAUD	1200
COL	Y	SOUND	Y
COST	£8.97	F'MT	Ca/D
SUP'R	Bourne Ed. Software Ltd. Bedfield Land, Headbourne Worthy, Winchester.		
RET'R	BO SM AC AA		
NOTES	Disc £10.98		

Programs cover the use of both map coordinates and compass directions. Simulation of a car rally results in fast learning through graduated stages of difficulty (ages 7-13).



MASTERBARD

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£12.95	F'MT	Ca/D
SUP'R	Sulis Software Ltd., 4 Church Street, Abbey Green, Bath.		
RET'R	JO		
NOTES	None		

A series starting with Hamlet and Henry IV/I. Scene by scene analysis of each play, with key quotes, questions on paraphrases and a quiz on the whole play.

MASTERBARD HAMLET

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£12.95	F'MT	Ca
SUP'R	Sulis Software, John Wiley & Sons Limited, Baffins Lane, Chichester.		
RET'R	AA		
NOTES	Includes copy of play		

You're tested on quotations, on the meaning of important words. When you've mastered the play, then just to make sure you really know there's a quiz section with 100 tough questions.

MASTERBARD HENRY IV Pt.1.

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£12.95	F'MT	Ca
SUP'R	Sulis Software, John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA		
NOTES	Includes copy of the play		

You're tested on quotations — on the meaning of important words. When you've mastered the play, then just to make sure you really do know there's a quiz section with 100 tough questions.

MATHS 1, 2, 3, 4 and 5

MEM	9K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Simon Software, Blansheay, Droitwich Road, New End, Redditch.		
RET'R	AA		
NOTES	None		

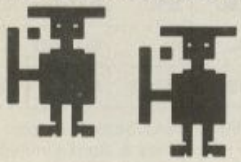
A complete introduction to maths covering fractions, decimals, money, lengths, numbers and estimation.

MATHS PART I and II

MEM	Unex.	BAUD	Norm
COL	Y	SOUND	N
COST	£8.95	F'MT	Ca
SUP'R	Scisoft, 5 Minster Gardens, Newthorpe, Eastwood. Notts.		
RET'R	AA		
NOTES	None		

Each part is a suite of several programs. Part 1 includes function, equations, areas, volumes. Comprehensive revision notes included. (Ages 13-16). Price per part.

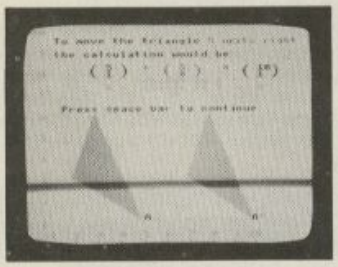
BBC EDUCATION



MATHS-TRANSLATIONS

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6	F'MT	Ca/D
SUP'R	Corona Software, 73 High Road, South Woodford, London.		
RET'R	WA GG MW CT GC GU SI		
NOTES	3 programs called Maths, TRI and Quad		

This teaches how to move shapes on a grid in modern mathematics, using matrix calculations. Colour graphics show the constructions; for use by individual students or teachers in class.



MICRO MATHS

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£24.50	F'MT	Ca/D
SUP'R	LCL, 26 Avondale Ave., Stains, Middx.		
RET'R	AN LC LY SN IN CC MH AI		
NOTES	None		

24 easy to use programs taking beginners to O-level standard. It is useful for revision or self-tuition. It is held on 2 cassettes and includes a manual and box. Programs include: Factorisation of algebraic equations, simple and compound interest, statistics, trigonometry, differentiation, solution of triangles, percentages and fractions, changing bases of numbers, indices in algebra, similar triangles, applications of Pythagors' theorem, profit and loss, simplification of bracketed quantities in algebra, ratio and proportion, polygon properties, graphs of linear and quadratic functions, solution of algebraic equations, vectors, matrices, operations on numbers in different bases simultaneous equations.

MISSING SIGNS

MEM	16K	BAUD	1200
COL	Y	SOUND	N
COST	£11.90	F'MT	Ca/D
SUP'R	Acornsoft Ltd., 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL and others		
NOTES	Disc extra cost, requires 32K		

Put in the signs: presents incomplete sums into which pupils must insert the correct sign. After two wrong attempts the correct answer is given. Missing Signs: two programs present equations with the balancing sign missing. Both sides must be calculated to decide whether the missing sign is greater than, less than, or equal to (>, <, or =). The equations contain one and two digit numbers.

MITOSIS

MEM	32K	BAUD	Norm
COL	N	SOUND	N
COST	£9.00	F'MT	Ca/D
SUP'R	Garland Computing, 35 Dean Hill, Plymouth.		
RET'R	AA & others		
NOTES	None		

Revision exercise for CSE/O level biology. Tests knowledge of various stages of mitosis.

MODELS IN PHYSICS

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£15.00	F'MT	Ca/D
SUP'R	Garland Computing, 35 Dean Hill, Plymouth.		
RET'R	AA & others		
NOTES	None		

A set of three programs which provide simple simulations of common experiments and phenomena described in physics courses. Millikan's oil drop experiment, line spectra, Rutherford's scattering experiment.

MONEYBOX

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.10	F'MT	Ca/D
SUP'R	Bryants (Ed.) Software, 1 The Hollies, Chalcraft Lane, M. Bersted, Bognor Regis.		
RET'R	IN MR MO BA NA		
NOTES	None		

Shop-keepers arithmetic where you earn 10p for each correct answer: a pound earns a 'Man-v-Dragaroo' battle reward. Covers multiplication and subtraction (with 'add-on' choice).

MORSE CODE FUN

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£3.00	F'MT	Ca/D
SUP'R	Aztec Software, 25 St. Mark Road, Deepcar, Sheffield.		
RET'R	AA		
NOTES	Disc £5.00		

Incorporates a large number of key words which can be used for identification of audio or written morse. Also instructs in primary letter identification and translation into Morse.

MUSICAL NUMBERS

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.10	F'MT	Ca/D
SUP'R	Bryants (Ed.) Software, 1 The Hollies, Chalcraft Lane, N. Bersted, Bognor Regis.		
RET'R	IN MR MO BA NS		
NOTES	Disc extra cost		

Continuous loop counts in words and figures to ten for very young: No user operations required. Generated routines provide musical accompaniment and imaginative graphics.

MUSIC TUTOR

MEM	32K	BAUD	Norm
COL	N	SOUND	Y
COST	£10.95	F'MT	Ca/D
SUP'R	Garland Computing, 35 Dean Hill, Plymouth.		
RET'R	AA & others		
NOTES	None		

A unique program allowing you to enter notes. Pitch and duration is displayed on the screen. Many other options, allowing play-back, alteration, saving tunes.

NUMBER BALANCE

MEM	32K	BAUD	1200
COL	Y	SOUND	N
COST	£11.90	F'MT	Ca/D
SUP'R	Acornsoft Ltd., 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL and others		
NOTES	Disc £15.35		

These two programs give practice in simple mathematical operations for numbers 1-20. The object is to make a balance level by inputting the correct missing number into one side of a simple equation. Incorrect answers tilt the balance in the appropriate direction; with the correct answer after three incorrect tries.

NUMBERBONDS

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.10	F'MT	Ca/D
SUP'R	Bryants (Ed.) Software, 1 The Hollies, Chalcraft Lane, N. Bersted, Bognor Regis.		
RET'R	IN MR MO BA NS		
NOTES	Disc extra cost		

Covers simple to double formulation of equations where turning (example) 29+37 into (30-1) + (30+7) encourages basic number concepts. Will provide number sequences for mental addition.

NUMBER GULPER

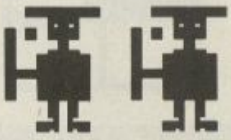
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£10.95	F'MT	Ca
SUP'R	ASK Ltd., London House, 68 Upper Richmond Road, London SW15.		
RET'R	AA & others		
NOTES	None		

To improve mathematical skills. Explores the relationship between the four basic arithmetic operations. Players must achieve a result number using only numbers shown on the screen (each with an operator attached) (age 5-12).

NUMBER PUZZLER

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£10.95	F'MT	Ca
SUP'R	ASK Ltd., London House, 68 Upper Richmond Road, London SW15.		
RET'R	AA & others		
NOTES	None		

Three games in additional and subtraction involving numerical noughts and crosses. Winning strategies are achieved by adding numbers together or decomposing one of them into separate parts (age 4-12).

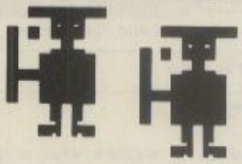


NUMBER RALLY

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Longman Group Ltd., Longman House, Burntmill, Harlow, Essex.		
RET'R	AA		
NOTES	None		

A car rally game which helps children practise adding, subtracting, multiplying and dividing. Four levels of difficulty.

BBC EDUCATION



NUMBER SKILLS 0-999

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Longman Group Ltd., Longman House, Burnt Mill, Harlow, Essex.		
RET'R	AA		
NOTES	None		

Help in adding and subtracting one, two and three digit numbers up to 999. Animated graphics and sound help children understand processes involved.

OGLES

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£8.95	F'MT	Ca
SUP'R	Games Machine Ltd., Bessemer Dr., Stevenage, Herts.		
RET'R	AA		
NOTES	None		

Colour match educational game at two levels — fast or slow (for younger children or adults).

OPEN SESAME

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Sulis Software Ltd., 4 Church Street, Abbey Green, Bath.		
RET'R	JO		
NOTES	None		

500 words often mis-slept are in this program. A definition and clue are given — spell it right, and you can enter the cave — wrongly, and the thieves get you.

OSCILLOSCOPE

MEM	32K	BAUD	Norm
COL	N	SOUND	N
COST	£15.00	F'MT	Ca/D
SUP'R	Garland Computing, 36 Dean Hill, Plymouth		
RET'R	AA and others		
NOTES	None		

Simulation of the workings or the Cathode-ray Oscilloscope. Perspective drawing and screen view shown. Fully interactive, allowing input of different voltages, selection of different waves.

PEEKO-COMPUTER

MEM	16K	BAUD	1200
COL	Y	SOUND	N
COST	£9.95	F'MT	Ca/D
SUP'R	Acornsoft Limited, 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL & others		
NOTES	Disc £11.50 requires 32K		

Peeko-Computer simulates the operation of a simplified microcomputer for teaching the fundamentals of machine-code programming. It has ten easily-learned instructions and gives a visual analogy of a real microcomputer.

PERSPECTIVE

MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£6.50	F'MT	Ca/D
SUP'R	Aztec Software, 25 St. Mark Road, Deepcar, Sheffied.		
RET'R	AA		
NOTES	None		

Choose the horizon position, then draw any shape you wish on the screen. Program then shows all perspective details. Entire shape can be moved about screen to to show different perspectives.

PHOTOSYNTHESIS

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£16.50	F'MT	Ca/D
SUP'R	Garland Computing, 36 Dean Hill, Plymouth		
RET'R	AA and others		
NOTES	None		

Fully interactive simulation of an experiment to determine effects of light, CO_2 and temperature on the rate of Photosynthesis.

PHYSICS

MEM	Unex	BAUD	Norm
COL	Y	SOUND	N
COST	£8.95	F'MT	Ca
SUP'R	Scisoft, 5 Minster Gardens, Newthorpe, Eastwood, Notts.		
RET'R	AA		
NOTES	None		

A suite of several programs including problems, multiple choice questions, revision hints. Comprehensive revision notes included. (Ages 13-16).

PHYSICS

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Micro Power Ltd., 8/8a Regent Street, Chapel Allerton, Leeds.		
RET'R	AA		
NOTES	None		

A teaching aid for students of CSE, 'O' level and 'A' level physics. Displays measurements of mass, work, temperature, etc., along with their associated units, and tests accordingly.

PHYSPROB

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£3.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham.		
RET'R	AA		
NOTES	Printer option		

Test of ten physics questions from pools of twenty at each of three levels or mixed. With 10/10, the rocket, built during the game, takes off. CSE upwards.

POPULATION GENETICS

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£15.00	F'MT	Ca/D
SUP'R	Garland Computing, 36 Dean Hill, Plymouth		
RET'R	AA and others		
NOTES	None		

A fully interactive simulation for students of 'A' level Biology and above. Allows demonstration of the principles of the Hardy-Weinberg Law.

PROJECTILES

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.00	F'MT	Ca/D
SUP'R	Garland Computing, 36 Dean Hill, Plymouth		
RET'R	AA and others		
NOTES	None		

This program simulates the flight of a projectile and generates a stroboscopic record of its motion. You choose initial horizontal and vertical speeds.

PUNCTUATION (1,2)

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.10	F'MT	Ca/D
SUP'R	Bryants (Ed.) Software, 1 The Hollies, Chalcraft Lane, N. Bersted, Bognor Regis.		
RET'R	IN MR MO BA NS		
NOTES	Disc at extra cost		

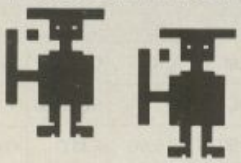
Two programs which together cover all necessary facts, examples and tests on subjects.

ROAD SAFETY

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.10	F'MT	Ca/D
SUP'R	Bryants (Ed.) Software, 1 The Hollies, Chalcraft Lane, N. Bersted, Bognor Regis.		
RET'R	IN MR MO BA NS		
NOTES	Disc extra cost		

Three programs in one. Offers Highway Code rules for young cyclists: an animated, user-controlled, graphical simulation of cycle test with printed certificate: Zebra crossing: ambulance routine.

BBC EDUCATION



SEED GERMINATION

MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£16.50	F'MT	Ca/D
SUP'R	Garland Computing, 36 Dean Hill, Plymouth		
RET'R	AA and others		
NOTES	None		

Simulates an experiment to find effect of environmental factors on Seed Germination. Helps encourage principles of good experimental design, recording and analysis of results.

SETS AND OPERATORS: LOGIC 2

MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£14.95	F'MT	Ca
SUP'R	Shiva Publishing Ltd., 4 Church Lane, Nantwich, Cheshire.		
RET'R	NC BL JS JE CH SM		
NOTES	One of eleven programs which make up the Shiva First Mathematics Programme. Together they form a coherent learning programme but can be used separately.		

The cassette contains 5 programs dealing with logic for 5 to 8 year-olds. These programs using logic blocks, have been designed to develop logical thinking. Hunt the Block: fit the block in the correct position to build up the roads. Seek the Block: build up your own roads by carefully positioning the blocks in a logical sequence. No, Not There: the shape may be a large, blue, thick triangle, but can you say what it is *not*? Colour Out: refer to the colour operator to determine the colour output or input on the screen. Shape Out: refer to the shape operator to determine the shape output or input on the screen.

SENTENCE SEQUENCING

MEM	32K	BAUD	1200
COL	Y	SOUND	Y
COST	£11.90	F'MT	Ca/D
SUP'R	Acornsoft Ltd., 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL and others		
NOTES	Disc £15.35		

These two programs are designed to test ability to order material logically. Each presents a series of jumbled sentences which must be re-arranged to form a nursery rhyme or a logical sequence of sentences. Sentences are located and selected using cursor keys, they moved to then correct position.

SHAPE UP

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£10.95	F'MT	Ca
SUP'R	ASK Ltd., London House, 68 Upper Richmond Road, London SW15.		
RET'R	AA & others		
NOTES	None		

Introduces children to geometry. Circles, squares, triangles and rectangles are shown in simple matching games and then combines to build a street of houses etc There is also a burglar who must be caught (age 3 upwards).

SHEEPDOG

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Longman Group Ltd., Longman House, Burnt Mill, Harlow, Essex.		
RET'R	AA		
NOTES	None		

Help Bonzo the Sheepdog get the sheep into the pen in this program which teaches keyboard skills and how to solve problems. Older children can use points of the compass to direct Bonzo.

SIMILES

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£3.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham		
RET'R	AA		
NOTES	Printer option		

Tests of ten similes, questions from pools of twenty at each of three levels or mixed. With 10/10, the rocket, built during the game, takes off. Primary upwards.

SPEECHPARTS

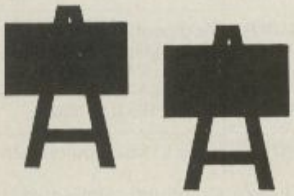
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.10	F'MT	Ca/D
SUP'R	Bryants (Ed.) Software, 1 The Hollies, Chalcraft Lane, N. Bersted, Bognor Regis.		
RET'R	IN MR MO BA NS		
NOTES	Disc extra cost		

Covers tests and instruction on nouns, verbs, adjectives.

SPECIAL PRODUCTS & ALGABRAIC FACT

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£14.95	F'MT	Ca/D
SUP'R	Impact Software, 70 Redford Avenue, Edinburgh.		
RET'R	AA and others		
NOTES	None		

Ten exercises on Distributive Law, Bi-tri, and quadrinomials. Plus excercises on Factors



SPELLBOUND BAILIFF

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Sulis Software, John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA		
NOTES	None		

A spelling game. Each word spelt right moves a new piece of furniture — but get your spellings wrong, and the bailiff will carry away your belongings one by one.

SPELLBOUND BESIEGED

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Sulis Software, John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA		
NOTES	None		

A spelling game. Every word spelt right is a safe crossing for one of your knights. Spell a word wrong, and the infidels will have an advantage over you.

SPELLBOUND GOLDEN APPLE

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Sulis Software, marketed by John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA		
NOTES	None		

Snakes 'n ladders with a golden apple as your goal. Each word spelt right takes you up a ladder to success — but get a word wrong, and you'll find yourself sliding down.

SPELLBOUND TOWERING INFERNO

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Sulis Software, marketed by John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA		
NOTES	None		

A spelling game. Each word spelt right means another blanket to aid your escape, but a wrong spelling will only make the flames lick higher.

SPELLTEST

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.10	F'MT	Ca/D
SUP'R	Bryants (Ed.) Software, 1 The Hollies, Chalcraft Lane, N. Bersted, Bognor Regis.		
RET'R	IN MR MO BA NS		
NOTES	Disc extra cost		

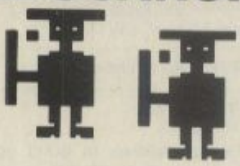
Options provide choice of using 400 Schonell words for tests; entering and testing on your own word set; loading or saving on cassette for reinforcement. Standard utility for all ages and home/school.

STAR TREK/CANDYFLOSS

MEM	15K	BAUD	1200
COL	Y	SOUND	Y
COST	£5.50	F'MT	Ca
SUP'R	IJK Software Ltd., 9 King Street, Blackpool, Lancs.		
RET'R	AA		
NOTES	None		

A full colour version of Star Trek with 8×8 Galaxy and number of days to complete mission. Candyfloss is an educationa game in which you manage a candyfloss stall on Blackpool's Golden Mile, but watch out for the weather and donkeys.

BBC EDUCATION



STARTER WORDSPLITS			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Sulis Software, marketed by John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA		
NOTES	None		

Wordsplits is a colourful package of wordgroups — basic words that every child in the 4-8 age-range needs to recognise easily. The aim of the game is to put the parts of the words together.

STORYBUILDER			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.10	F'MT	Ca/D
SUP'R	Bryants (Ed.) Software, 1 The Hollies, Chalcraft Lane, N. Bersted, Bognor Regis.		
RET'R	IN MR MO BA NS		
NOTES	Disc at extra cost		

One of three fairy tales can be put together by correct selection from assorted passages using line number or stories can be completed creatively using short line prompts.

SUPER HANGMAN			
MEM	32K	BAUD	1200
COL	Y	SOUND	Y
COST	£4.50	F'MT	Ca/D
SUP'R	IJK Software Ltd., 9 King Street, Blackpool, Lancs.		
RET'R	AA		
NOTES	Disc extra cost		

He-res animated man, watch his expression change as the noose tightens round his neck. Contains many categories from educational to just plain fun.

SUPER PLOT			
MEM	32K	BAUD	Norm
COL	N	SOUND	N
COST	£7.50	F'MT	Ca
SUP'R	Beebug, PO Box 50, St. Albans, Herts.		
RET'R	AA		
NOTES	None		

Produces tailored screen representations of any function entered. This can be achieved in any of the three major coordinate systems. Superplot comes complete with an instruction booklet. Explore graphic representation.

SUPERSPELL			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.50	F'MT	Ca/D
SUP'R	Aztec Software, 25 St. Mark Roac, Deepcar, Sheffield.		
RET'R	AA		
NOTES	Disc £7.50		

Nine separate sections with 20 words in each. Suitable for junior age group or remedial. Hangman type graphics. Lots of colour and sound. Scoring system. Amendable lists of words.

TABLE ADVENTURES			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£10.95	F'MT	Ca
SUP'R	ASK Ltd., London House, 68 Upper Richmond Road, London Sw15		
RET'R	AA & others		
NOTES	None		

Improves children's tables through 4 exciting games. These show the importance of the 1-100 number table or square, and emphasize an approach to tables through factorisation rather than multiplication.

TABLES			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£3.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham		
RET'R	AA		
NOTES	Printer option		

Test of ten tables questions from pools of twenty at each of three levels or mixed. With 10/10, the rocket, built during the game, takes off. Primary upwards.

TABLES			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.10	F'MT	Ca/D
SUP'R	Bryants (Ed.) Software, 1 The Hollies, Chalcraft Lane, N. Bersted, Bognor Regis.		
RET'R	IN MR MO BA NS		
NOTES	Disc at extra cost		

Tests on any table chosen between 2 to 80. Animated graphical reward or print-out of table up to, but not including last multiple if required. Real time score with revision list.

TASMATH 1			
MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Tasman Software, 17 Hartley Crescent, Leeds.		
RET'R	AA		
NOTES	None		

Three mathematics programs; quadratic equations, simultaneous equations and trigonometry.

TENSE FRENCH			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Sulis Software, marketed by John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA		
NOTES	None		

Tense French covers the present, imperfect, perfect, past historic, past perfect, future, conditional and present subjunctive tenses. You can work in the tense of your choice.

THE CROSS-NUMBER PUZZLES			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.65	F'MT	Ca
SUP'R	N. Darwood Ltd., Halfacre, Stroud, Petersfield, Hampshire.		
RET'R	AA		
NOTES	None		

The same as crosswords except the role of words and numbers are interchanged. Graded 5 year olds to difficult for adults. Ideal for maths lessons. Part solutions can be saved.

THE GARDEN			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Clares, 222 Townfields Road, Winsford, Cheshire.		
RET'R	AA AC		
NOTES	Disk compatible		

Good graphics are used to extend the childs attention span. Three programs are on the tape covering colours, words, spelling and sentence structure.

TIMEMAN ONE			
MEM	32K	BAUD	1200
COL	Y	SOUND	Y
COST	£8.99	F'MT	Ca/D
SUP'R	Bourne Ed. Software Ltd., Bedfield Lane, Headbourne, Worthy, Winchester.		
RET'R	BO SM AC AA		
NOTES	Disc £10.98		

Helps children tell the time and set a clock. Attractive scoring with a man and a ladder keeps children's interest. Choice of progressive stages (age 4-9 years).

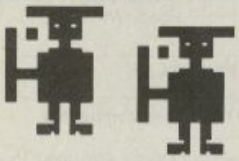
TIMEMAN TWO			
MEM	32K	BAUD	1200
COL	Y	SOUND	Y
COST	£8.97	F'MT	Ca/D
SUP'R	Bcurne Ed. Software Ltd., Bedfield Lane, Headbourne Worthy, Winchester.I		
RET'R	BO SM AC AA		
NOTES	None		

Program covers minutes to the hour, half and quarter hours and the 24 hour clock. Can be set to 1 or 5 minute accuracy. (Ages 4-10).

TITRATION			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£11.00	F'MT	Ca/D
SUP'R	Garland Computing, 35 Dean Hill, Plymouth.		
RET'R	AA & others		
NOTES	None		

A program using graphics to simulate acid-base titrations.

BBC EDUCATION



TOWNS OF GREAT BRITAIN			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.50	F'MT	Ca/D
SUP'R	Aztec Software, 25 St. Mark Road, Deepcar, Sheffield.		
RET'R	AA		
NOTES	Disc £8.50		

High resolution map of Britain. Flashing cursor pinpoints position of a town. Anagram provided. Over 40 towns, can add more of your own. Scoring and answers provided.

TREE OF KNOWLEDGE			
MEM	32K	BAUD	1200
COL	Y	SOUND	N
COST	£9.95	F'MT	Ca/D
SUP'R	Acornsoft Ltd, 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL and others		
NOTES	Disc £11.50		

Pupils can build an 'expert' database by answering the computer's questions, and then play games of deduction and logic. Two sample databases, others can be saved and loaded.

TRIG BASICS			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£14.95	F'MT	Ca/D
SUP'R	Impact Software, 70 Redford Ave., Edinburgh.		
RET'R	AA & others		
NOTES	None		

Eight separate exercises on basic trigonometry, including Pythagoras' theorem, graphical problems.

TURTLE 2			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, arborne, Birmingham.		
RET'R	AA		
NOTES	Printer option. Detailed booklet.		

A high-resolution simple turtle graphics program with some special features. Nine main menu leads, nine statement types, sixty lines allowed (ages 8-16).

TIME TRAVELLER			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca/D
SUP'R	Sulis Software Ltd., 4 Church St., Abbey Green, Bath.		
RET'R	JO		
NOTES	None		

You have to travel through five ages to reach the 20th century. You must get historical facts right, and make your way through five mazes to get there.

WATER RELATIONS OF PLANT CELLS			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£11.00	F'MT	Ca/D
SUP'R	Garland Computing, 35 Dean Hill, Plymouth.		
RET'R	AA & others		
NOTES	None		

For students of biology at A level and above. Animated graphics illustrate principles of water movement. Simulation of an experiment to determine osmotic potential.

WHERE?			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Micro Power Ltd., 8/8a Regent Street, Chapel Allerton, Leeds.		
RET'R	AA		
NOTES	None		

A high resolution map of the British Isles facilitates the learning of the locations of nearly 100 towns, cities, rivers and peaks, using timed tests.

WORDHANG			
MEM	32K	BAUD	1200
COL	Y	SOUND	Y
COST	£8.97	F'MT	Ca/D
SUP'R	Bourne Ed. Software Ltd., Bedfield Lane, Headbourne Worthy, Winchester.		
RET'R	BO SM AC AA		
NOTES	Disc £10.98		

Educational version of 'Hangman' word game with full colour graphics and simple but attractive screen layout. List of 260 words plus the ability to create and save own lists (age 5-13).

WORDMASTER			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Sulis Software, marketed by Joh Wiley & Sons Ltd., Baffins lane, Chichester.		
RET'R	AA		
NOTES	None		

Wordmaster takes you into the heart of English words — and leads you to mastery of those beginnings and endings — prefixes and suffixes — which CONfuse and mystiFY so many people.

WORDSQUARE			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca/D
SUP'R	Garland Computing, 36 Dean Hill, Plymouth		
RET'R	AA and others		
NOTES	None		

The program constructs a word-square in which entered words are hidden. Up to twenty words, with up to twelve letters each, can be entered.

WORD SEQUENCING			
MEM	16K	BAUD	1200
COL	Y	SOUND	N
COST	£11.90	F'MT	Ca/D
SUP'R	Acornsoft Ltd., 4a Market Hill, Cambridge		
RET'R	AA SM BO JL and others		
NOTES	Disc £15.35, requires 32K		

These programs present exercises which help young students develop an awareness of sentence structure. In each program a series of jumbled words must be arranged to form either a proverb, nursery rhyme title or a sensible sentence. Words are first located and selected using the cursor keys, and can then be moved to the correct position.

WORDS, WORDS, WORDS			
MEM	32K	BAUD	Norm
COL	N	SOUND	Y
COST	£10.95	F'MT	Ca
SUP'R	ASK Ltd., London House, 68 Upper Richmong Road, London SW15.		
RET'R	AA & others		
NOTES	None		

Enables children to build up their own stories. Over 80 different words are introduced together with eight different scenes. Correctly typed names of objects shown succeed in animating the scene (age 5-8).

WORLD GEOGRAPHY			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Micro Power Ltd., 8/8a Regent Street, Chapel Allerton, Leeds.		
RET'R	AA		
NOTES	None		

Learn the capitals and population of 100 countries using graded tests, each country is pinpointed on a beautifully drawn hi-res colour map.

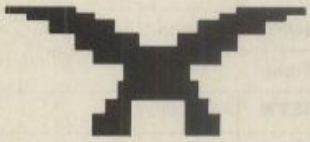
WORLD-WISE			
MEM	32K	BAUD	1200
COL	Y	SOUND	Y
COST	£3.97	F'MT	Ca/D
SUP'R	Bourne Ed. Software Ltd., Bedfield Lane, Headbourne Worthy, Winchester.		
RET'R	BO SM AC AA		
NOTES	Disc £10.98		

Two programs enabling children to build up fascinating information banks on their favourite geography subjects. Covers both UK and World in 10 categories, e.g., canals, antiquities, etc. Encourages use of reference books (ages 7-15).

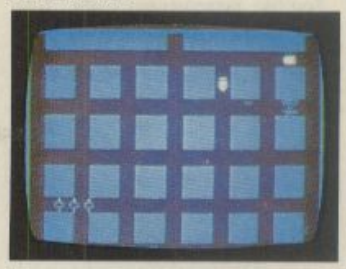
BBC GAMES

ADVENTURE			
MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£7.95	F'MT	Ca
SUP'R	Micro Power Ltd., 9/8a Regent Street, Chapel Allerton, Leeds.		
RET'R	AA		
NOTES	None		

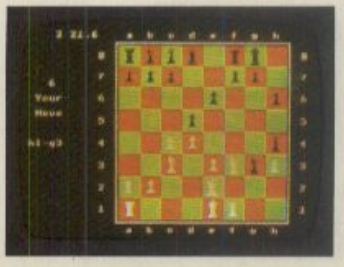
Explore the tortuous forests, dark caverns and castle dungeons to rescue the Princess and carry off untold treasures. Great skill and imagination required to solve the puzzles.



BUG BOMB



CHESS



AIRLINE			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	C.C.S. Ltd., 14 Longton Way, London.		
RET'R	GE		
NOTES	None		

Compete with British Airways! Decide on number of aircraft and whether to buy or charter, levels of staffing and maintenance. Problems encountered — tax demands, strikes, cancelled flights, hijacks and crashes.

AIR TRAFFIC CONTROL			
MEM	32K	BAUD	1500
COL	N	SOUND	Y
COST	£8.00	F'MT	a
SUP'R	Microdeal Limited, 41 Truro Road, St. Austell, Cornwall.		
RET'R	AA		
NOTES	Joystick required		

A computer model of remotely piloted aircraft, controlling take-offs and departures, keeping track of runways, velocities, altitudes and headings. Manual included.

CHIEFTAIN

ALIEN BREAK-IN			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.99	F'MT	Ca
SUP'R	Romik Software Ltd., 272 Argyll Ave. Slough		
RET'R	AA & others		
NOTES	None		

You are confronted by an Alien as you protect the Earth's Uranium supply. Their seven different formations will attempt to blast a hole in your defence shield.

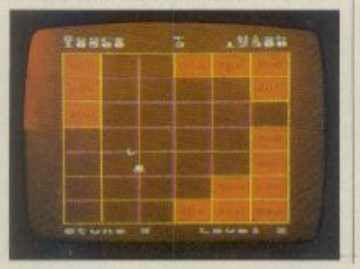
ALIEN DROPOUT			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca/D
SUP'R	Superior Software, 69 Leeds Road, Bramhope, Leeds		
RET'R	SM		
NOTES	None		

A giant space moth must be prevented from releasing sufficient of its subordinates to escape from their barracks and fly down to destroy your base.

ALIEN SWIRL			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
OST	£6.95	F'MT	Ca
SUP'R	Micro Power, 8/8a Regent Street, Chapel Allerton, Leeds.		
RET'R	AA		
NOTES	None		

Shoot down the swirling invaders while avoiding their relentless fire. Dock with the mothership to refuel every four phases. All machine-code.

DEMON DECORATOR



ARCADE ACTION			
MEM	16K	BAUD	1200
COL	Y	SOUND	Y
COST	£1'.90	F'MT	Ca
SUP'R	Acornsoft Ltd., 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL and others		
NOTES	None		

Four games for a variety of entertainment. Invaders — fight off waves of advancing aliens while dodging missiles and hiding behind shields. Breakout — knock bricks out of a multi-coloured wall, with seven variations on the standard game. Dodgems — your racing car has to outwit the computerised car programmed to crash into you. Snake — guide your snake to its growth-inducing prey, scoring points and avoiding yourself and the walls.

ARCADIANS			
MEM	2K	BAUD	1200
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca/D
SUP'R	Acornsoft Ltd., 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL and others		
NOTES	Disc £11.50		

Demolish an onslaught of swooping, bomb-dropping arcadians with your laser base. Complete with music and full sound effects and table of high scores.

ARROW OF DEATH PART I			
MEM	16K	AUD	Norm
COL	Y	SOUND	N
COST	£9.95	F'MT	Ca/D
SUP'R	Molimerx Limited, 1 Buckhurst Road, Bexhill on Sea, E. Sussex.		
RET'R	DC ES MK PJ RD SI SW WC		
NOTES	Disc £11.45		

Machine language adventure. The Golden Baton of Mysterious Adventure I re-appears and the scenario is mainly the search for evil.

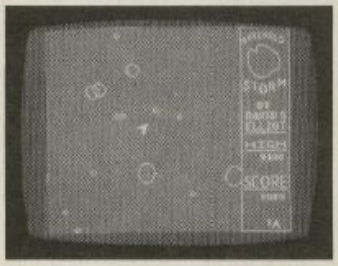
ARROW OF DEATH PART II			
MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£9.95	F'MT	Ca/D
SUP'R	Molimerx Limited, 1 Buckhurst Road, Bexhill on Sea, E. Sussex.		
RET'R	ES MK PJ RD SI SW WC		
NOTES	Disc £11.45		

This follows on from Arrow of Death I, although it is not necessary to have done Arrow of Death I. In Arrow II you now have the means to destroy the enemy.

BBC GAMES

ASTEROID STORM			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Micro Power Ltd., 8/8a Regent Street, Chapel Allerton, Leeds.		
RET'R	AA		
NOTES	None		

Spin your single seater fighter to atomise the myriads of asteroids that are rapidly approaching from all directions. Features include thrust and hypsespace controls.



ATLANTIC			
MEM	32K	BAUD	1200
COL	Y	SOUND	Y
COST	£7.50	F'MT	Ca/D
SUP'R	IJK Software Ltd., 9 King Street, Blackpool, Lancs.		
RET'R	SC CA BO AA		
NOTES	Disc at extra cost		

Guide your submarine Nautilus along the undersea landscape and through the caverns avoiding the mines, depth charges, rockets, etc. Fast, smooth action machine code program.

BANDITS AT 3 O'CLOCK			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Micro Power. 8/8a Regent Street, Chapel Allerton, Leeds.		
RET'R	AA		
NOTES	Joysticks recuired		

Aerial combat challerge in the skies over Belgium in this twoplayer game of dexterity requiring joysticks. Basic and machine-code.

BEEBOP SYNTHESISER			
MEM	Unex.	BAUD	Norm
COL	N	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Novasoft, 46 Pheasant Drive, Downley, High Wycombe, Bucks.		
RET'R	AA CN		
NOTES	None		

Menu driven synthesiser requiring no previous musical knowledge to use, with sound effect options and memory storage for 10 tunes. Any music produced can be saved to tape.

BIRDS OF PREY			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.99	F'MT	Ca
SUP'R	Romik Software Ltd., 272 Argyll Avenue, Slough.		
RET'R	AA and others		
NOTES	None		

Birds of Prey is ε game of skill and reflexes. The birds swoop down from space bombing you as they do so, and they then circle menacingly, still dropping bombs.

BRIDGEMASTER LEARNING PACKAGE			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£24.95	F'MT	Ca
SUP'R	Bridgemaster, PO Box 163, Slough		
RET'R	SM BO		
NOTES	None		

Bridgemaster, prepared with world authority Terence Reese, teaches an absolute beginner to play bridge. Under audio tuition the beginner is coached and plays through a carefully structured series of bridge deals.

BRIDGE TO THE EAST			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£8.05	F'MT	Ca
SUP'R	Ixion Software, 10 The Crescent, Lympsham, Nr. Weston-Super-Mare, Somerset.		
RET'R	KK		
NOTES	Compatible with 0.S 1.0 onwards.		

A game which combines the arcade-type game with the adventure type. Each screen alternatives between the two categories. You control the wizard who is indestructable — but his companions aren't.

BRIDGEMAN			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.90	F'MT	Ca
SUP'R	Bridge Software, 36 Fernwood, Marple Bridge, Stockport, Cheshire.		
RET'R	AA		
NOTES	None		

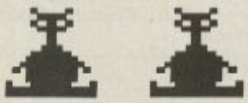
Bridge Software's version of the popular gobbler game.

BUG BOMB			
MEM	32K	BAUD	1200
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Virgin Games Ltd., 61/63 Portbellow Road, London W11.		
RET'R	AA SM BO MZ DX GA PM		
NOTES	None		

Very fast arcade game. Player must try to free electronic grids of bugs.

CASTLE OF RIDDLES			
MEM	32K	BAUD	1200
COL	N	SOUND	N
COST	£9.95	F'MT	Ca
SUP'R	Acornsoft Limited, 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL & others		
NOTES	None		

Wizadry and hocus pocus of all kinds with booby traps and fiendish riddles as the least of your worries as you try to retrieve the Magic ring and your reward of treasure.



CATERPILLAR			
MEM	32K	BAUD	1200
COL	Y	SOUND	Y
COST	£7.50	F'MT	Ca/D
SUP'R	IJK Software Ltd., 9 King Street, Blackpool, Lancs.		
RET'R	CS CA BO AA		
NOTES	Disc at extra cost		

Destroy the caterpillar as it winds down the screen. Also take care to avoid the leaping spider and scorpion. Each screen ncreasing speed and difficulty. Machine code program.

CAVEMAN ADVENTURE			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Micro Power Ltd., 8/8a Regent Street, Chapel Allerton, Leeds.		
RET'R	AA		
NOTES	None		

Search the cave system, cross the wasteland, negotiate the jungle in an effort to get re-united with your village. Colourful mode 7 graphics and extensive use of sound.

CENTIPEDE			
MEM	32K	BAUD	1200
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca/D
SUP'R	Superior Software Ltd., 69 Leeds Road, Bramhope, Leeds.		
RET'R	SM		
NOTES	None		

The object is to prevent the centipede reaching the bottom by hitting the segments of its body individually. Features flies, snails, spiders and mushrooms.

CHAMPIONS!			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Peaksoft, 7 Hawthorn Crescent, Burton-on-Trent.		
RET'R	AA & others		
NOTES	None		

Football management game. Take your club from the 4th division to the European cup, 4 divisions, prevention, relegation, transfers, weekly results and league tables, injuries, suspensions, etc.

CHESS			
MEM	32K	BAUD	1200
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Acornsoft Limited, 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL & others.		
NOTES	None		

Graphical program playing chess to current FIDE-ratified rules, with clock display, auto-play mode, full editing, replay, checkmade solver, ten difficulty levels and game save facilities.

BBC GAMES

CHESS A			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Micro Power, 8/8a Regent Street, Chapel Allerton, Leeds.		
RET'R	AA		
NOTES	Chess B for 32K £7.95		

Six skill levels, en passant, castling, take-back moves, mode 7 colour graphics, 'Blitz chess', Spassky-Fischer game, set up board for analysis and more!

CIRCUS			
MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£9.95	F'MT	Ca/D
SUP'R	Molimerx Limited, 1 Buckhurst Road, Bexhill on Sea, E. Sussex.		
RET'R	DN ES MK PJ RD SI SW WC		
NOTES	Disc £11.45		

Machine language Adventure against the backdrop of a circus tent.

COMMUNITY			
MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£6.90	F'MT	Ca/D
SUP'R	Ixion Software, 10 The Crescent, Lympsham, Nr. Weston-Super-Mare, Somerset.		
RET'R	KK		
NOTES	Compatible with all 0.S's but please state 0.S applicable. Disc £7.40		

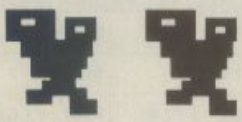
Community is a game of farm management and economy. You make the decisions which create wealth or poverty amongst your workers. Each year you travel to market and sell or buy.

CROAKER			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Micro Power, 8/8a Regent Street, Chapel Allerton, Leeds.		
RET'R	AA		
NOTES	None		

Guide your family of frogs across the busy road and then hop from logs to turtles to reach the lairs set in the embankment. Machine-code.

CONFRONTATION			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	M.C. Lothlorien, 56a Park Lane, Poynton.		
RET'R	MZ & others		
NOTES	Instruction booklet included		

Graphics war game for modern warfare for two players. Design your own scenarios for air and ground combat or use the modern Eueopean Scenario contained on this tape.



CRUSADERS			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£15.53	F'MT	Ca
SUP'R	Molimerx Limited, 1 Buckhurst Road, Bexhill on Sea, E. Sussex.		
RET'R	DC ES MK FJ RO SI SW WC		
NOTES	None		

Crusaders is a wargame consisting of a series of conflicts between the Crusaders and Saracens. A year is split up into moves, in this case six. Maps are an important feature of this program.

CUBE MASTER			
MEM	32K	BAUD	1200
COL	Y	SOUND	N
COST	£9.95	F'MT	Ca
SUP'R	Acornsoft Limited, 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL & others.		
NOTES	None		

Choose the number of shuffling moves on the Rubik Cube and try to solve it or give the computer your problem cube and let it takeyou through the solution.

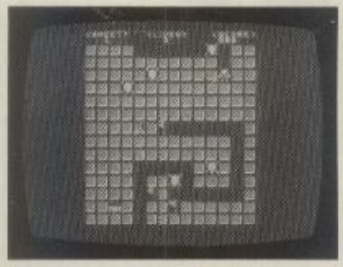
CROAKER

DALLAS			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	C.C.S. Ltd., 14 Langton Way, London.		
RET'R	GE		
NOTES	None		

A game of oil exploration and exploitation in Texas. Decisions required on purchasing concessions, movement and use of drilling rigs and building of platforms and pipelines.

DANGER UXB			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Micro Power Ltd., 8/8a Regent Street, Chapel Allerton, Leeds.		
RET'R	SM MZ BO HA MM WA EL		
NOTES	None		

Run and slide from block to block to defuse the ticking bombs. Three levels of play, including stomping boots. BASIC plus machine code.



DEMON DECORATOR			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Micro Fower Ltd., 8/8a Regent Syreet, Chapel Allerton, Leeds.		
RET'R	SM MZ BO HA MM WA EL		
NOTES	None		

Guide your paint roller around the grid of squares scoring points for each completed square while avoiding an octopus that will chase you at every possible opportunity. All machine-code.

DRAGON RIDER			
MEM	32K	BAUD	1200
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Salamander Software, 17 Norfolk Road, Brighton, East Sussex.		
RET'R	DX SC WP CA		
NOTES	None		

Arcade game in BASIC with ten levels of difficulty.

DRAUGHTS AND REVERSI			
MEM	16K	BAUD	1200
COL	Y	SOUND	N
COST	£9.95	F'MT	Ca
SUP'R	Acornsoft Limited, 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL & others		
NOTES	None		

Draughts:- the traditional game where you must follow the rules, making all possible jumps or giving the computer the 'huffing' option. Reversi:- also known and Othello, the objective is to capture as many enemy pieces as possible.

EMPEROR			
MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£15.53	F'MT	Ca
SUP'R	Molimerx Limited, 1 Buckhurst Road, Bexhill on Sea, E. Sussex.		
RET'R	DC ES MK PJ RD SI SW WC		
NOTES	None		

Emperor is a wargame which is played on a graphic map at the time of the Roman Empire in the first four centuries AD. Emperor is entirely a game of strategy.

ESCAPE FROM PULSAR 7			
MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£9.95	F'MT	Ca/D
SUP'R	Molimerx Limited, 1 Buckhurst Road, Bexhill on Sea, E. Sussex.		
RET'R	DC ES MK PJ RD SI SW WC		
NOTES	Disk £11.45		

Machine Language Adventure with the scenario in space.

BBC GAMES

EYE OF ZOLTAN			
MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£8.95	F'MT	Ca
SUP'R	Softek International Ltd., 12/13 Henrietta Street, Covent Garden London.		
RET'R	AA		
NOTES	None		

Challenging adventure game for the BBC Model B or the Acorn Electon.

FELIX IN THE FACTORY			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Micro Power Ltd., 8/8a Regent Street, Chapel Allerton, Leeds.		
RET'R	AA		
NOTES	None		

Along the conveyor, leaping over packages, then up the ladders in search of the oil can to top up the generator, pitchforking the gremlins and poisoning the rat as you go.

FROGGER			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca/D
SUP'R	Superior Software, 69 Leeds Road, Bramhope, Leeds.		
RET'R	SM		
NOTES	None		

A frog with moving legs has to be manoeuvred across a busy road and then over a river with logs, crocodiles and turtles to reach its home.

FROGGY'S REVENGE			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Ground Control Software, Alfreda Ave., Hullbridge, Essex.		
RET'R	ES ST		
NOTES	BBC Model B or A +32K +VIA		

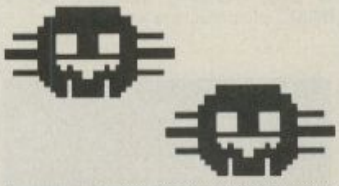
Guide the frogs home across a river containing unfriendly occupants and a road with fast cars, etc. Better odds for the frog as he now carries the latest laser cannon.

FAMILY GAMES			
MEM	16K	BAUD	1200
COL	Y	SOUND	Y
COST	£4.50	F'MT	Ca
SUP'R	IJK Software Ltd., 9 King Street, Blackpool, Lancs.		
RET'R	AA		
NOTES	None		

This contains 6 games for the BBC computer. Hangman in which you can enter your own category, Kryptogram, Dice, Beetle, Grand National and Music. All games in full colour.

FEASIBILITY EXPERIMENT			
MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£9.95	F'MT	Ca/D
SUP'R	Molimerx Limited, 1 Buckhurst Road, Bexhill on Sea, E. Sussex.		
RET'R	DC ES MK PJ RD SI SW WC		
NOTES	Disc £11.45		

Machine language adventure somewhat different from the others and concerns a tiny race of super intelligent beings.



FELIX AND THE FRUIT MONSTERS			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Micro Power, 8/8a Regent Street, Chapel Allerton, Leeds.		
RET'R	AA		
NOTES	None		

Lay ether pools and trigger the magnetic pad to protect the precious fruit from marauding monsters. All machine code.

FLIPPER			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Limited, 41 Truro Road, St. Austell, Cornwall.		
RET'R	AA		
NOTES	None		

A game based on 'Gomuku' or 'Reversi'. Jump over your opponent and claim as much of the grid as possible. Play the computer, a friend or watch the computer play itself. Four levels of difficulty.

INVADERS			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca/D
SUP'R	Superior Software, 69 Leeds Rod, Bramhope, Leeds.		
RET'R	SM		
NOTES	None		

48 marching invaders crunch their way towards your base. They must be individually destroyed but are assisted by the odd mothership which releases super bombs at you.

JCB DIGGER			
MEM	32K	BAUD	1200
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca/D
SUP'R	Acornsoft Ltd., 4a market Hill, Cambridge.		
RET'R	AA SM BO JL and others		
NOTES	Disc £11.50		

Equipped with a JCB digger you must survive the meanies by burying them in holes or throwing them into the seas. With four-directional scrolling 'window' over your island.

JOHNNY REB			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	M. C. Lothlorien, 56a Park Lane, Poynton.		
RET'R	MZ and others		
NOTES	Instruction booklet included.		

Graphics war game set in American Civil War for 1 or 2 players. Select cavalry, infantry, artillery and capture enemy flag. Plays differently each occasion, with game save facility.

JUMBO			
MEM	32K	BAUD	Norm
COL	N	SOUND	Y
COST	£17.25	F'MT	Ca/D
SUP'R	Molimerx Limited, 1 Buckhurst Road, Bexhill on Sea, E. Sussex.		
RET'R	DC ES MK PJ RD SI SW WC		
NOTES	Disc £19.55		

Jumbo is a simulation of flying the 747 aircraft. It is flown on instruments as in real life. A map of the United Kingdom is included in the program.

KATAKOMBS			
MEM	32K	BAUD	1200
COL	Y	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Golem Ltd., 77 Qualitas, Eracknell, Berks.		
RET'R	AA and others		
NOTES	None		

Adventure game.

KINGDOM OF HAMIL			
MEM	32K	BAUD	1200
COL	N	SOUND	N
COST	£9.95	F'MT	Ca
SUP'R	Acornsoft Ltd., 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL and others		
NOTES	None		

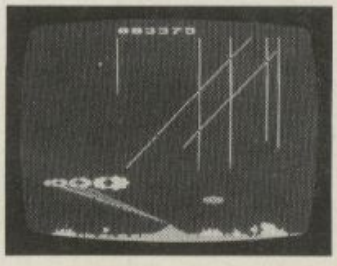
Prove your rightful claim to the throne of Hamil. Starting from a sanctuary there are hostile beings, problems, puzzles, dangers and treasure in your path.

LEAPFROG			
MEM	32K	BAUD	1200
COL	Y	SOUND	Y
COST	£7.50	F'MT	Ca/D
SUP'R	IJK Software Ltd., 9 King Street, Blackpool, Lancs.		
RET'R	SC CA BO AA		
NOTES	Disc at extra cost.		

Help the frog cross the road avoiding the vehicles travelling at different speeds and cross the multi-current river to reach the safety of the lily pads.

LASER COMMAND			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Micro Power Ltd., 8/8a Regent Street, Chapel Allerton, Leeds.		
RET'R	AA		
NOTES	None		

Defend the six cities against attack from alien planets. Extra features allow you to lay a pattern of up to 10 mines for controlled detonation. All machine codes.



BBC GAMES

METEORS

MEM	32K	BAUD	1200
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca/D
SUP'R	Acornsoft Limited, 4a Market Hill, Cambridge.		
RET'R	SS DM BO JL & others		
NOTES	Disc £11.50		

Manoeuvre and shoot your laser-ship's way through successive meteor storms and flying saucers with hyper-space as a last resort. With full sound effects and high score table.

MONSTERS

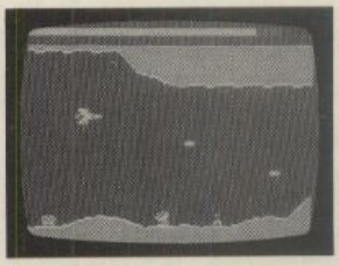
MEM	32K	BAUD	1200
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca/D
SUP'R	Acornsoft Ltd., 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL and others		
NOTES	Disc £11.50		

Flee up and down ladders and along walls and trap the pursuing monsters by digging holes and filling them in on top of them. With sound effects and high score table.

MOONRAIDER

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Micro Power, 8/8a Regent Street, Chapel Allerton, Leeds.		
RET'R	AA		
NOTES	None		

Penetrate the defences of the alien moon. Battle against self-firing rockets, nuclear ack-ack guns, spacemines, fizzers and meteors, through the narrow passageways to destroy the central nucleus.



NAPOLEON

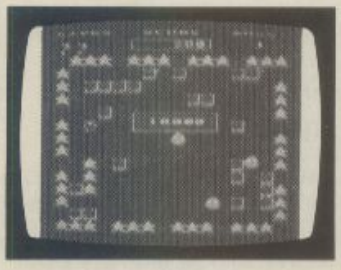
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£15.53	F'MT	Ca
SUP'R	Molimerx Limited, 1 Buckhurst Road, Bexhill on Sea, E. Sussex.		
RET'R	DC ES MK PJ RD SI SW WC		
NOTES	None		

Napoleon is a wargame set in the time of Napoleon Bonaparte and the object of the game is to conquer Europe. The computer controls all of the opposing forces. Maps are an important feature of this program.

NOC A BLOC

MEM	32K	BAUD	1200
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Virgin Games Ltd. 61/63 Portobellow Road, London W11		
RET'R	AA SM BO MZ DX GA PM		
NOTES	None		

You must push ice-cubes into aliens to kill them.



NUMBER CHASER

MEM	8K	BAUD	Norm
COL	Y	SOUND	Y
COST	£8.95	F'MT	Ca
SUP'R	ASK Ltd., London House, 68 Upper Richmond Road, SW15 2RP		
RET'R	AA and others		
NOTES	None		

A game to improve estimating ability. Your vehicle is being chased by the computer, correct estimations get the vehicle ahead, wroong ones make the car drop back. (Age 5-12)

PIMANIA

MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£10.00	F'MT	Ca
SUP'R	Automata UK Ltd., 27 Highland Road, Portsmouth, Hants		
RET'R	AA and others		
NOTES	Free audio record on flipside		

The adventure quest followed in over 40 countries by tens of thousand of 'Pimaniacs' seeking the genuine 'golden sundial of Pi' valued at £6,000. Humour, music, cartoons and lateral thinking.

PONTOON & PATIENCE

MEM	32K	BAUD	1200
COL	Y	SOUND	Y
COST	£7.50	F'MT	Ca
SUP'R	IJK Software Ltd., 9 King Street, Blackpool, Lancs.		
RET'R	AA		
NOTES	None		

Accurate representation of two popular card games. Full display of cards and shuffling. Try to beat the bank at pontoon or try to beat yourself at patience.

PLANETOID

MEM	32K	BAUD	1200
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca/D
SUP'R	Acornsoft Limited, 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL & others		
NOTES	Disc £11.50		

Save life-forms from their attackers and return them to their planetoid while fending off five kinds of hostile space-beings. With sound effects, high score table, smart bombs and hyperspace jump.

PLANKWALK

MEM	32K	BAUD	1200
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Virgin Games Ltd., 61/63 Portobellow Road, London, W11.		
RET'R	AA SM BO MZ DX GA PM		
NOTES	None		

Player (Scaffolding Sid) must jump from plank to plank avoiding obstacles as building collapses.

ROAD RUNNER

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca/D
SUP'R	Superior Software, 69 Leeds Road, Barmhope, Leeds.		
RET'R	SM		
NOTES	None		

A racing car must be driven through a sideways scrolling maze whilst three other cars give pursuit to prevent you reaching the checkpoint flags.

ROMAN EMPIRE

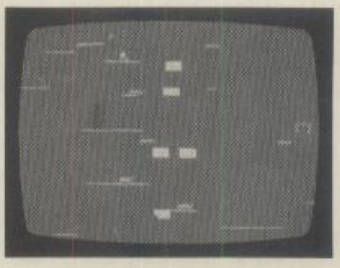
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	M. C. Lothlorien, 56a Park Lane, Poynton.		
RET'R	MZ and others		
NOTES	Instruction booklet included.		

War game with supporting map and graphics. Build legions into armies and subdue the hostile countries of the Empire. Takes account of morale, fighting efficiencies, etc., 3 levels of play.

SHUTTLE

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£16.10	F'MT	Ca/D
SUP'R	Molimerx Limited, 1 Buckhurst Road, Bexhill on Sea, E. Sussex.		
RET'R	DC ES MK PJ RD SI SW WC		
NOTES	Disc £19.55		

Shuttle is a simulation of the shuttle flight. There are three stages to the flight; blast off, orbit and finally re-entry and landing on Earth. The program can be commenced at any phase.



BBC GAMES

SLIDING-BLOCK PUZZLES

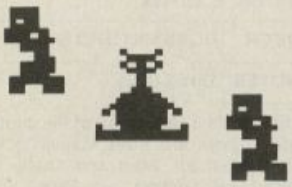
MEM	32K	BAUD	1200
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Acornsoft Ltd, 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL and others		
NOTES	None		

Based on the '14-15 Puzzles' invented by Sam Lloyd, there are six versions. The computer will shuffle the puzzle, record the number of moves and solve it if you get stuck.

SNAPPER

MEM	32K	BAUD	1200
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca/D
SUP'R	Acornsoft Ltd, 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL and others		
NOTES	Disc £11.50		

Guide the Snapper through the maze eating dots and fruit and avoiding the creatures chasing you. Then eat a power pill and chase the creatures. With sound effects and high score table.



SNOOKER

MEM	32K	BAUD	1200
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca/D
SUP'R	Acornsoft Ltd., 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL and others		
NOTES	Disc £11.50. Unsuitable for black and white televisions		

A realistic two-player simulation of the real game, with variable shot strength by length of cue and ordinary, backspin or topspin option.

SPACE ADVENTURE

MEM	32K	BAUD	1200
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Virgin Games Ltd., 61/63 Portobellow Road, London W11		
RET'R	AA SM BO MZ DX GA PM		
NOTES	None		

A graphic adventure set on a seemingly abandoned ship drifting through space.

SPACE PIRATES

MEM	16K	BAUD	1200
COL	Y	SOUND	Y
COST	£5.50	F'MT	Ca
SUP'R	Bug-Byte Ltd., Canning Place, Liverpool 1		
RET'R	SM BO LA DX RU MZ CU SC		
NOTES	None		

You must prevent the aliens from stealing your valuable life pods. You can even ram the nasties, but watch out for their explosions.

SPACE SHUTTLE

MEM	32K	BAUD	1200
COL	N	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdea Ltd., 41 Truro Road, St. Austell, Cornwall.		
RET'R	AA		
NOTES	Joystick/s required		

Find and retrieve the module, then try and land your Space Shuttle successfully using the screen instruments.

SPACE FIGHTER

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca/D
SUP'R	Superior Software, 69 Leeds Road, Bramhope, Leeds.		
RET'R	SM		
NOTES	None		

Various enemies scroll towards your spaceship which can be moved in all directions and can fire to destroy the aliens. Various skill levels and stages.

SPHINX ADVENTURE

MEM	32K	BAUD	1200
COL	N	SOUND	N
COST	£9.95	F'MT	Ca/D
SUP'R	Acornsoft Ltd., 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL and others		
NOTES	Disc £11.50		

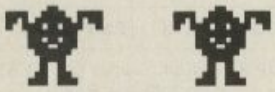
A full-sized classic adventure game in which you move through caves, fight with trolls, collect treasure, and finally make your way to the sphinx to collect your reward.

STAR TREK/CANDYFLOSS

MEM	16K	BAUD	1200
COL	Y	SOUND	Y
COST	£6.50	F'MT	Ca
SUP'R	IJK Software Ltd., 9 King Street, Blackpool, Lancs.		
RET'R	AA		
NOTES	None		

A full colour version of Star Trek with 8 x 8 Galaxy, Klingons, Phasers, Torpedoes, etc. Random set up of galaxy and time

Candyfloss an eductaional game in which you manage a candyfloss stall on Blackpool's Golden Mile, but watch out for the weather and donkeys.



STRATOBOMBER

MEM	32K	BAUD	1200
COL	Y	SOUND	Y
COST	£7.50	F'MT	Ca
SUP'R	IJK Software Ltd., 9 King Street, Blackpool, Lancs.		
RET'R	AA		
NOTES	None		

Highly colourful machine code arcade game. Can you keep the enemy fleet at bay long enough to destroy the nuclear reactor of the rogue star ship before it destroys your home planet.

SUPER HANGMAN

MEM	32K	BAUD	1200
COL	Y	SOUND	Y
COST	£4.50	F'MT	Ca
SUP'R	IJK Software Ltd., 9 King Street, Blackpool, Lancs.		
RET'R	AA		
NOTES	None		

Hi-res animated man, watch his expression change as the noose tightens round his neck. Contains many categories from educational to just plain fun.

SWARMERS REVENGE

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.50	F'MT	Ca
SUP'R	Beebug, P.O. Box 50, St. Albans, Herts.		
RET'R	AA		
NOTES	None		

Your mission in this machine code game is to protect 'The Space Wall' from an attack by Sliens. The game features:- high score table, switchable sound effects and different skill levels.

TANK ATTACK

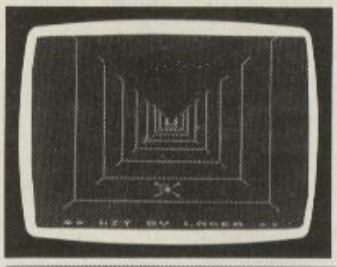
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Gem Software (b/s) Ltd., The Maltings, Station Rd., Sawbridgeworth, Herts.		
RET'R	AA		
NOTES	None		

Machine code game for 1/2 players, defending supplies against computer controlled tanks.

TRENCH

MEM	32K	BAUD	1200
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Virgin Games Ltd., 61/63 Portobellow Road, London W11.		
RET'R	AA SM BO MZ DX GA PM		
NOTES	None		

Player must attempt to detonate a missile which is placed centrally (by the player) in an exhaust vent at the end of a trench in the surface of a star.



THE WIZARD

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Quicksilva, Palmerston Fark House, 13 Palmerston Road, Southampton.		
RET'R	AA		
NOTES	None		

The wizard must protect the damsels from marauding dragons. An arcade game featuring hi-res graphics, full sound, two different types of attack wave.

BBC GAMES

THE GOLDEN BATON			
MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£9.95	F'MT	Ca/D
SUP'R	Molimerx Limited, 1 Buckhurst Road, Bexhill on Sea, E. Sussex.		
RET'R	DC ES MK PJ RD SI SW WC		
NOTES	Disc £11.45.		

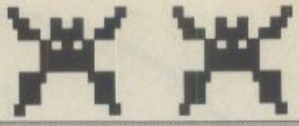
Machine code adventure featuring a sorcery and magical scenario.

TRANSISTORS REVENGE			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	SoftSpot, 29 South Crescent, Prittlewell, Essex.		
RET'R	ES ST		
NOTES	BBC Model B or A + 32K + VIA		

The CPU on your BBC is under attack and has to be cefended by firing pulses along the data lines to destroy the components that are attacking.

737 FLIGHT SIMULATOR			
MEM	32K	BAUD	1200
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Salamander Software, 17 Norfolk Road, Brighton, E. Sussex.		
RET'R	DX SC BO WP CA		
NOTES	None		

Written by professional 737 pilot, a very detailed flight simulation.



3-D MAZE			
MEM	32K	BAUD	1200
COL	Y	SOUND	Y
COST	£4.50	F'MT	Ca
SUP'R	IJK Software Ltd., 9 King Street, Blackpool, Lancs.		
RET'R	AA		
NOTES	Disc also available		

The computer sets up logical mazes and then it shows the view of the maze in 3D each step you take as you battle agains the clock to escape.

BBC HOME-PERSONAL

BEEBMON			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£7.95	F'MT	Ca
SUP'R	Micro Power Ltd., 8/8a Regent Street, Chapel Allerton, Leeds.		
RET'R	AA		
NOTES	None		

Aids in the development of machine-code programs. Set breakpoints, disassemble, relocate, modify registers, search, move, fill, perform arithmetic with hex numbers and more.

DRAW			
MEM	32K	BAUD	Norm
COL	N	SOUND	N
COST	£9.95	F'MT	Ca
SUP'R	Micro Power Ltd., 8/8a Regent Street Chapel Allerton, Leeds.		
RET'R	AA		
NOTES	None		

A menu-driven graphics package featuring a subset of the logo language. Includes screen dump routine for the Epson, 20 page teaching booklet and demonstration program.

DIETING			
MEM	32K	BAUD	Norm
COL	N	SOUND	N
COST	£11.00	F'MT	Ca/D
SUP'R	Garland Computing, 36 Dean Hill, Plymouth		
RET'R	AA and others		
NOTES	None		

For students of Biology, Home Economics or Catering (13+). User is required to choose a diet which will provide required energy intake for a special subject. Computer monitors pupil's progress.

FILER			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£9.95	F'MT	Ca
SUP'R	Micro Power Ltd., 8/8a Regent Street, Chapel Allerton, Leeds.		
RET'R	AA		
NOTES	None		

A file handling program incorporating sort by any field (including special date sort), print, delete, find and insert. Cursor keys and the jump command allow easy movement around the file.

HOME ACCOUNT			
MEM	Unex	BAUD	1200
COL	Y	SOUND	N
COST	£19.95	F'MT	Ca/D
SUP'R	Gemini Marketing Ltd., 18a Littleham Road, Exmouth, Devon.		
RET'R	AA		
NOTES	Disc £23.95		

Complete home accounting package to budget household expenditure and compare against actual expenditure.

MASTER FILE			
MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£10.00	F'MT	Ca/D
SUP'R	Beebug, PO Box 50, St. Albans, Herts.		
RET'R	AA		
NOTES	Disc £19.00		

A general purpose file management program. Uses a master menu. Has all the features you would expect on this type of game. The disc version is a total re-write featuring true random access.

PERSONAL MONEY MANAGEMENT			
MEM	32K	BAUD	1200
COL	Y	SOUND	N
COST	£11.90	F'MT	Ca
SUP'R	Acornsoft Ltd., 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL and others		
NOTES	None		

Entries can be recorded in nine expense categories under your own, or the provided, headings. The program allows you to set budgets for each category and to compare your projections against actual expenditure.

SHIRLEY CONRAN'S MAGIC GARDEN			
MEM	32K	BAUD	1200
COL	Y	SOUND	N
COST	£9.95	F'MT	Ca/D
SUP'R	Acornsoft Ltd., 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL and others		
NOTES	Disc £11.50		

Input the light and soil conditions, what kind of plant you like, the required flowering time etc. and a selection of candidates will be offered.

THE SPREADSHEET			
MEM	32K	BAUD	Norm
COL	N	SOUND	N
COST	£'9.95	F'MT	Ca
SUP'R	Microl, 1 Milton Road, Cambridge.		
RET'R	AA		
NOTES	None		

Similar to Visicalc, turning your computer into a powerful 'super-calculator' answering 'what if' questions. Supplied with four models for immediate use, including Bank Account Manager and Cash Flow Projector.

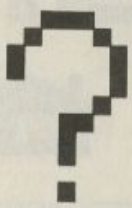
THE DATABASE			
MEM	32K	BAUD	Norm
COL	N	SOUND	N
COST	£19.95	F'MT	Ca
SUP'R	Microl, 1 Milton Road, Cambridge.		
RET'R	AA		
NOTES	None		

A versatile, free-form electronic filing system with numerous home, work and educational applications. Incorporates full calculating abilities, file merging, screen-based data entry and editing and simple word processing.

BBC UTILITY MISC

ADVANCED PROG. TAPE			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£8.95	F'MT	Ca
SUP'R	Addison-Wesley Publishers Ltd., 53 Bedford Square, London, WC.		
RET'R	AA		
NOTES	Full Title: Advanced Programming Tape for the BBC Micro. Intended to accompany the book 'Advanced Programming Techniques on the BBC Micro' by Jim McGregor and Alan Watt, also published by Addison-Wesley.		

This cassette contains all the programs in the book, and is intended as an aid for slow typists.



ADVENTURE CREATOR			
MEM	32K	BAUD	Norm
COL	N	SOUND	N
COST	£10.06	F'MT	Ca
SUP'R	Molimerx Limited, 1 Buckhurst Road, Bexhill-on-Sea, E. Sussex.		
RET'R	DO EO MK DJ RD SI SW WC		
NOTES	None		

Adventure Creator enables the user to create his own Adventure program by entering in the scenario and specifying certain parameters. This is input as data and used to create the Adventure.

APPEND IT			
MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£3.00	F'MT	Ca
SUP'R	Aztec Software, 25 St. Mark Road, Deepcar, Sheffield.		
RET'R	AA		
NOTES	None		

Splices any number of programs or part programs together. Only two keys to press. Optional or auto renumbering of complete or parts of program is possible. Very easy to use.

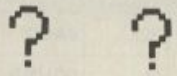
ARTIST 2			
MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£10	F'MT	Ca
SUP'R	Beebug, P.O. Box 50, St. Albans, Herts.		
RET'R	AA		
NOTES	Needs joysticks		

The program allows pictures to be drawn on a Mode 2 screen in eight colours using the BBC joysticks to position lines, triangles, rectangles, circles or just to doodle.

EXMON

ASSEMBLY LANGUAGE			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£8.95	F'MT	Ca
SUP'R	Assison-Wesley Publishers Ltd., 53 Bedford Square, London, WC.		
RET'R	AA		
NOTES	Full Title: Assembly Language Tape for the BBC Micro. Intended to accompany the book 'Assembly Language Programming on the BBC Micro' by John Ferguson and Tony Shaw, also published by Addison-Wesley.		

This cassette contains all the programs in the book plus a complete Beeb Debugging Tool. It is intended as an aid for slow typists.



BCPL			
MEM	32K	BAUD	1200
COL	N	SOUND	N
COST	£99.65	F'MT	E/D
SUP'R	Acornsoft Limited, 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL & others		
NOTES	None		

The Acornsoft BCPL system consists of the BCPL ROM, a 40/80 track disc with BCPL compiler, screen editor, a 6502 assembler, other utilities, program development aids and some examples of BCPL code.

BEEB ART			
MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£14.95	F'MT	Ca
SUP'R	Quicksilva, Palmerston Park House, 13 Palmerston Road, Southampton.		
RET'R	AA		
NOTES	None		

An art/design utility program for full versatile manipulation of the BBC's extensive graphics capability joystick compatible, paint, draw, abstract commands. Instruction booklet included.

TELETEXT EDITOR

BEEBSYNTH			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca/D
SUP'R	Clares, 222 Townfields Road, Winsford, Cheshire.		
RET'R	AC PC AA		
NOTES	Requires 1.2 OS. Disc £10.95.		

Two sections provide a full synthesiser package. The first section is a simple to use envelope defining program and the second section allows the user to play at the keyboard using the defined envelopes.

CLONE			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£5.00	F'MT	Ca
SUP'R	Work Force, 140 Wilsden Ave, Luton, Beds.		
RET'R	AA		
NOTES	None		

Copy utility makes back ups. BBC version unlocks 'locked files'.

CREATIVE GRAPHICS			
MEM	16K	BAUD	1200
COL	Y	SOUND	N
COST	£9.95	F'MT	Ca
SUP'R	Acornsoft Limited, 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL & others		
NOTES	None		

36 programs producing a spectacular range of pictures and patterns in full colour, including animated pictures, recursively-defined curves, and rotating three-demensional shapes.

CREATIVE GRAPHICS

CREATIVE GRAPHICS

BBC

UTILITY-MISC

DEFINE

MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£15.53	F'MT	Ca
SUP'R	Molimerx Limited, 1 Buckhurst Road, Bexhill-on-Sea, E. Sussex.		
RET'R	DO EO MK PJ RO SI SW WC		
NOTES	None		

Define enables the user to create custom designed characters on an 8 by 8 grid or in a 16 by 16 grid for display on the screen or on a printer.

DESIGN

MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£10	F'MT	Ca/D
SUP'R	Beebug, P.O. Box 50, St. Albans, Herts.		
RET'R	AA		
NOTES	Disc £19.		

A flexible package which allows the user to create very advanced screen designs, using a simple menu based program.

DISC-OVERY

MEM	32K	BAUD	NA
COL	Y	SOUND	N
COST	£20.70	F'MT	D
SUP'R	Molimerx Limited, 1 Buckhurst Road, Bexhill-on-Sea, E. Sussex.		
RET'R	DO EO MK PJ RD SI SW WC		
NOTES	None		

Disc-Overy is a machine language utility consisting of three sub-programs, namely a disk allocation map, a disc editing program and a utility which will restore files which have been deleted in error.

DISK ZAP

MEM	32K	BAUD	NA
COL	Y	SOUND	N
COST	£16.10	F'MT	D
SUP'R	Molimerx Limited, 1 Buckhurst road, Bexhill-on-Sea, E. Sussex.		
RET'R	DO EO MK PJ RD SI SW WC		
NOTES	None		

Disk Zap is a standard zapping program which enables the user to go into the data on a disk, display it in a meaningful form and gives the user the ability to modify and re-write the contents.

EDG GRAPHICS PACKAGE

MEM	32K	BAUD	1200
COL	Y	SOUND	N
COST	£19.95	FMT	Ca
SUP'R	Salamander Software, 17 Norfolk Road, Brighton, East Sussex.		
RET'R	DX SC BO WP CA		
NOTES	Extended version available		

A sophisticated picture drawing system for the BBC Model B microcomputer, allowing the user to build up simple drawings or complex designs. The system uses cassette tapes for picture storage, and is controlled entirely by normal keyboard input.

EXMON

MEM	16K	BAUD	1200
COL	Y	SOUND	N
COST	£10	F'MT	Ca/E
SUP'R	Beebug, P.O. Box 50, St. Albans, Herts.		
RET'R	AA		
NOTES	Eprom £23.		

A very powerful machine code monitor. Displays the contents of the 6502 register at the top of the screen, and any portion of memory may be displayed in Hex, ASCII or disassembled.

FORTH

MEM	16K	BAUD	NA
COL	Y	SOUND	Y
COST	£34.72	F'MT	E
SUP'R	J.W. Brown & Hccs Ass., 533 Durham Rd., Low Fell, Gateshead, Tyne & Wear.		
RET'R	AA		
NOTES	None		

First language EPROM for the BBC microcomputer. Fully supported with extension programs. Very robust and reliable fig/FORTH.

FORTH

MEM	32K	BAUD	1200
COL	N	SOUND	N
COST	£16.85	F'MT	Ca/D
SUP'R	Acornsoft Limited, 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL & others		
NOTES	Disc £19.90		

Acornsoft Forth is a complete implementation of the 1979 standard Forth language. It includes a Forth dictionary and compiler, a tape interface/screen editor, a macro-assembler, and a high resolution graphics demonstration.

GRAFDISK

MEM	32K	BAUD	NA
COL	Y	SOUND	N
COST	£12.95	F'MT	D
SUP'R	Clares, 222 Townfields Road, Winsford, Cheshire.		
RET'R	AC AA		
NOTES	None		

A program that provides a low cost entry into the world of C.A.D. Pictures can be saved very easily and if required they can be used within the users own programs.

GRAFKEY

MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£7.95	F'MT	Ca
SUP'R	Clares, 222 Townfields road, Winsford, Cheshire.		
RET'R	AC AA		
NOTES	Will be upgraded in future versions		

A program that provides a low cost entry into the world of C.A.D. Pictures can be saved very easily and if required they can be used within the users own programs.

GRAPHICS PACK

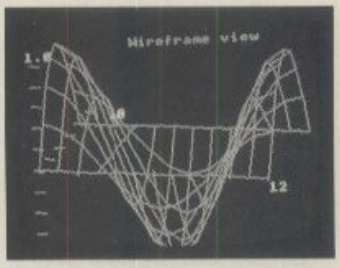
MEM	32K	BAUD	1200
COL	Y	SOUND	N
COST	£9.50	F'MT	Ca
SUP'R	Bug-Byte Ltd., Canning Place Liverpool 1		
RET'R	SM BO LA DX RU MZ CU SC		
NOTES	one		

This is a suite of three programs to greatly enhance your ability to use the BBC's graphics. 'Artist' allows you to build up pictures using many colour mixes. '2D' enables you to use features such as 'elastic banding' and 'zoom in' to draw pictures. '3D' takes an outline of a shape and turns it into a 3D picture with perspective, the object can also be rotated about an axis.

GRAPHS AND CHARTS

MEM	32K	BAUD	1200
COL	Y	SOUND	N
COST	£9.95	F'MT	Ca
SUP'R	Acornsoft Ltd., 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL and others		
NOTES	None		

These programs produce a set of graphis routines which can be incorporated into programs to present data graphically in a wide range of applications.



GRAPH PLOTTER

MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£16.10	F'MT	Ca/D
SUP'R	Molimerx Ltd., 1 Buckurst Road, Bexhill on Sea, E Sussex.		
RET'R	DO EO MK PJ RD SI SW WC		
NOTES	Disc £19.55		

Graph Plotter is a methematical graph plotter and is designed to be an aid to plotting mathematical graphs. The base date for the program is an equation.

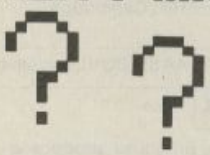
HORSE RACE FORECAST

MEM	48K	BAUD	Norm
COL	N	SOUND	N
COST	£19.95	F'MT	Ca
SUP'R	Kuma Computers Ltd., 11 York Road, Maidenhead.		
RET'R	AA SC		
NOTES	None		

Involves a consideration for each horse in any chosen race, using information from previous results. Weight assigned and distances of past and current races are taken into account.

BBC

UTILITY-MISC

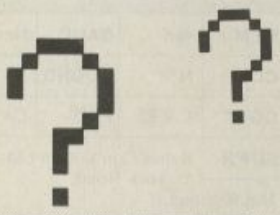


LISP			
MEM	16K	BAUD	1200
COL	N	SOUND	N
COST	£16.85	F'MT	Ca/D
SUP'R	Acornsoft Ltd. 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL and others		
NOTES	Disc £19.90		

Acornsoft LISP included 5.5K of machine-code interpreter, plus 3K of initialised LISP workspace containing utilities and constants. The systems contain extensions to basic LISP.

MAGIC WAND			
MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£10.06	F'MT	Ca/D
SUP'R	Molimerx Ltd., 1 Buckhurst Road, Bexhill on Sea, E. Sussex.		
RET'R	DO EO MK PJ RD SI SW WC		
NOTES	Disc £13.51		

This is a graphics package which uses eight colours. Some possibilities are shading, outlining, inverting, mirroring and rotating. The diagram can be saved as data of dumped to the printer.



MAGIC WINDOW			
MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£8.95	F'MT	Ca
SUP'R	Quicksilva, Palmerston Park House, 13 Palmerston Road, Southampton.		
RET'R	AA		
NOTES	Joystick required		

A character generator with full joystick control. Defines characters on 8×8 grid. Load/save facilities, hex and dec, O/Ps. Merges into existing programs. Also works in colour mode. Full instructions and examples supplied.

MASTER COPIER			
MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£6.50	F'MT	Ca
SUP'R	Aztec Software, 25 St. Mark Road, Deepcar, Sheffield.		
RET'R	AA		
NOTES	None		

Copies machine code tapes. Two keys to press.

MICROTEXT			
MEM	32K	BAUD	1200
COL	Y	SOUND	N
COST	£49.85	F'MT	Ca/D
SUP'R	Acornsoft Ltd., 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL and others		
NOTES	Disc £59.80		

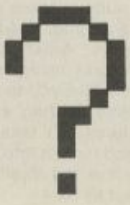
Developed by the NPL, experts in any field using Microtext can construct their own complete courses of computer-based instructional material. Applications include interviewing systems, teaching packages, training courses and interactive demonstrations.

MONITOR			
MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£13.80	F'MT	Ca
SUP'R	Molimerx Ltd., 1 Buckhurst Road, Bexhill on Sea, E. Sussex.		
RET'R	CO EO MK DJ RD SI SW WC		
NOTES	None		

Monitor enables the user to investigate, manipulate or modify the contents of memory. It has comprehensive error checking routines and most non-fatal errors are trapped by the program.

MUSIC PROCESSOR			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£14.95	F'MT	Ca
SUP'R	Quicksilva Palmerston Park House, 13 Palmerstone Road, Southampton.		
RET'R	AA		
NOTES	None		

Advanced music processing program.



MUSIC SYNTHESISER			
MEM	32K	BAUD	1200
COL	Y	SOUND	Y
COST	£9.50	F'MT	Ca
SUP'R	Bug-Byte Ltd., Canning Place Liverpool.		
RET'R	SM BO LA DX RU MZ CU SC		
NOTES	None		

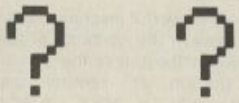
A music Editor and performer using the BBC's four sound channels. Up to 16 different instruments may be defined. the cassette also contains 'Auto-composer'. A program that writes and plays its own tunes.

PASCAL-T			
MEM	32K	BAUD	NA
COL	Y	SOUND	Y
COST	£59.00	F'MT	E
SUP'R	J.W. Brown & Ass., 533 Durham Rd., Low Fell, Gateshead, Tyne & Wear.		
RET'R	HC TC WA MD MM		
NOTES	None		

A 16K EPROM program supported by extension discs providing a powerful subset of Pascal for BBC Microcomputer users.

PERSONAL BANKING SYSTEM			
MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£9.95	F'MT	Ca
SUP'R	Hilton Computer Services Ltd., 14 Avalon Road, Orpington, Kent.		
RET'R	BM AA		
NOTES	12 page instruction manual included		

Supports datafiles, automatic posting of standing orders, entry search with printout by category with totals. Full correction facilities for entries.



PICTURE MAKER			
MEM	32K	BAUD	1200
COL	Y	SOUND	N
COST	£9.95	F'MT	Ca
SUP'R	Acornsoft Limited, 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL & others		
NOTES	None		

Graphics design and drawing system with rescaling, rotation, colour change, and text of any size and orientation. Functions include lines, solid triangles, arcs, circular sectors, shape filling and editing.

PSI METER			
MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Ground Control Software, Alfreda Avenue, Hullbridge, Essex.		
RET'R	ES ST		
NOTES	None		

Tests a subjects ability to control normally random movements on the screen by psychokinesis.

REPLICA			
MEM	32K	BAUD	NA
COL	Y	SOUND	N
COST	£9.95	F'MT	D
SUP'R	Clares, 222 Townfields road, Winsford, Cheshire.		
RET'R	AC AA		
NOTES	This is an ongoing project and buyers should contact Clares for current version and price details. Not compatible with Watford DFS.		

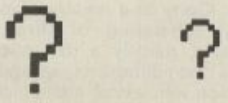
Uploads cassette programs onto disk. Works with basic and machine code programs and those with up to 2 sections. Relocates programs to correct running address.

SHADOW			
MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£8	F'MT	Ca
SUP'R	Clares, 222 Townfields Road, Winsford, Cheshire.		
RET'R	AC PC AA		
NOTES	None		

A program that allows the user to make security copies of 99% of all known programs — including "locked" programs and those containing 300 Baud sections.

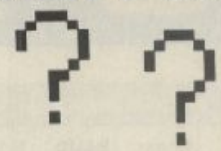
SHAPE GENERATOR			
MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£10.06	F'MT	Ca
SUP'R	Molimerx Limited, 1 Buckhurst Road, Bexhill-on-Sea, E. Sussex.		
RET'R	DO EO MK PJ RD SI SW WC		
NOTES	None		

Shape Generator enables the user to create shapes on an 8 x 8 grid using 16 colours. The shape can be either appended to another program or saved as a block of memory.



BBC

UTILITY-MISC



S-PASCAL

MEM	32K	BAUD	1200
COL	N	SOUND	N
COST	£16.85	F'MT	Ca/D
SUP'R	Acornsoft Limited, 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL & others		
NOTES	Disc £19.90		

A compiler for the subset of Pascal devised for teaching by Nicholas Wirth, the inventor of Pascal. The Acornsoft version is block-structured and fully recursive like the full Pascal implementation.

SPELL

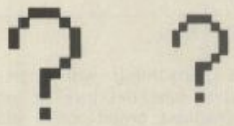
MEM	32K	BAUD	NA
COL	N	SOUND	N
COST	£19	F'MT	D
SUP'R	Beebug, P.O. Box 50, St. Albans, Herts.		
RET'R	AA		
NOTES	None		

A very powerful program which checks the spelling of Wordwise text. Due to the use of disc storage the checking is very fast. Comes complete with a dictionary on a disc.

SPRITES

MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£10	F'MT	Ca
SUP'R	Beebug, P.O. Box 50, St. Albans, Herts.		
RET'R	AA		
NOTES	None		

A set of programs to allow the user to easily create sprites, which can be displayed and moved very quickly using simple BASIC instructions. Complete with detailed instructions and examples.



SUPER PLOT

MEM	32K	BAUD	Norm
COL	N	SOUND	N
COST	£7.50	F'MT	Ca
SUP'R	Beebug, PO Box 50, St. Albans, Herts.		
RET'R	AA		
NOTES	None		

Produces tailored screen representations of any function entered. This can be achieved in any of the three major coordinate systems. Superplot comes complete with an instruction booklet. Explore graphic representation.

TELETEXT UTILITY PACK

MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£10.00	F'MT	Ca
SUP'R	Beebug, PO Box 50, St. Albans, Herts.		
RET'R	AA		
NOTES	None		

A set of programs which clearly explain teletext graphics, and allows the user to crate pages of teletext graphis and text. A very useful program.

THE BBC MICRO TAPE: BASIC, SOUND AND GRAPHICS

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£8.95	F'MT	Ca
SUP'R	Addison-Wesley Publishers Ltd., 53 Bedford Square, London WC1		
RET'R	AA		
NOTES	Intended to accompany 'The BBC Micro Book: BASIC Sound and Graphics' by Jim Mc Gregor and Alan Watt, also published by Addison-Wesley		

This cassette contains all the programs in the book. It is intended as an aid for slow typists or those unfamiliar with the machine's keyboard.

THE GENERATOR

MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Quicksilva Palmerston Park House, 13 Palmerston Rd., Southampton.		
RET'R	AA		
NOTES	None		

Character generator and teletext generator with instructions.

THE KEY

MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£12.95	F'MT	D
SUP'R	Supplies by: Clares, 222 Townfields Road, Winsford, Cheshire.		
RET'R	AC AA		
NOTES	State DFS used — not compatible with Watford DFS		

An invaluable disc doctor suite of programs that provide format 40 and format 80, backup, editor and retrieve. Backup will allow the user to make security backups of most discs.

TOOLKIT

MEM	32K	BAUD	NA
COL	N	SOUND	N
COST	£23.00	F'MT	E
SUP'R	Beebug, PO Box 50, St. Albans, Herts.		
RET'R	AA		
NOTES	None		

This is a powerful toolkit for BASIC programmers. Features all the commands you would have wished for whilst developing your BASIC programs. Works on both CFS and DFS systems, which can accept paged ROMs.

TURTLE GRAPHICS

MEM	32K	BAUD	1200
COL	Y	SOUND	N
COST	£16.85	F'MT	Ca/D
SUP'R	Acornsoft Ltd., 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL and others		
NOTES	Disc £19.90		

The Turtle Graphics interpreter supports a subset of the full LOGO implementation, 'eaturing the simpler turtle graphics facilities. The facilities include multiple parameter procedures, looping primitives, elementary and transcendental functions.

ULTIMA-FILE

MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£7.50	F'MT	Ca/D
SUP'R	Ixion Software, 10 The Crescent, Lympsham, Nr. Weston-Super-Mare, Somerset.		
RET'R	KK		
NOTES	Disc £10. Operating system 0.S. 1.0 onwards.		

A multi-purpose filing program capable of storing over 16,000 characters. Interchange between disc and cassette available. Includes alphabetical sort, title listing and edit function.

UTILITIES PACKAGE

MEM	32K	BAUD	1200
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Salamander Software, 17 Norfolk Road, Brighton, E. Sussex.		
RET'R	DX SC BO WP CA		
NOTES	Four utilities on one tape		

Sound Shaper, gives full graphical representation of envelopes for accurate shaping. Implements all of the BBC Micro's sound facilities. EDG Epson Screen Dump, designed for use with the tape based EDG Graphics Package, but can be used independently. Teletext Screen Editor, written by EDG to complement their Graphics Package. Allows rapid construction of Teletext (Mode 7) pages. Disassembler, machine code for minimum size and fast execution. Gives op-code, hex and ASC11 disassembly of code.

YAGI DESIGN

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Ground Control Software, Alfreda Avenue, Hullbridge, Essex.		
RET'R	AA ES		
NOTES	None		

Yagi antenna design to N.B.S. recommendations. From 2 to 15 element with different material size

6502 DEVELOPMENT SYSTEM

MEM	32K	BAUD	1200
COL	N	SOUND	N
COST	£49.85	F'MT	Disc
SUP'R	Acornsoft Limited, 4a Market Hill, Cambridge.		
RET'R	AA SM BO JL & others		
NOTES	None		

For use with a 6502 second processor, this is intended for the serious programmer developing large programs in assembly language. There are five programs. MASM:- 6502 macro-assembler, including looping, recursive calls and conditioned assembly. XREF:- Cross-reference for use with MASM. ViewEdit:- Full screen editor based on View. TRACE:- 6502 trace package for debugging. PRINT:- Program to produce formatted assembly listings without MASM.

ADVANCED CALC. RESULT 64

MEM	Unex	BAUD	NA
COL	Y	SOUND	Y
COST	£115.00	F'MT	D
SUP'R	Kobra Micro Marketing, PO Box 28, Henley-on-Thames, Oxon.		
RET'R	CD BO SM SC CU		
NOTES	None		

Three dimensional spread sheet — 32 pages of 63 columns and 254 rows with full page editing and consolidation, formatted printing and histograms in colour, and conditional statements.

DATABASE

MEM	Unex	BAUD	300
COL	Y	SOUND	N
COST	£19.95	F'MT	Ca/D
SUP'R	Gemini Marketing Ltd., 18a Littleham Road, Exmouth, Devon.		
RET'R	AA		
NOTES	Disc £23.95, Baud rate 1200.		

Database Management System — stores information in a card index format.

EASIVAT

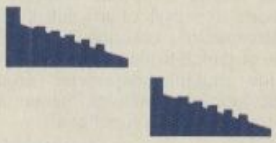
MEM	48K	BAUD	Norm
COL	N	SOUND	N
COST	£39.50	F'MT	Ca
SUP'R	Kuma Computers Ltd., 11 York Road, Maidenead.		
RET'R	AA SC		
NOTES	None		

VAT accounting package allowing up to 255 entries per month with up to 20 cost and 20 income headings. Reports may be produced for the month, payment type of heading.

EASY CALC RESULT 64

MEM	Unex	BAUD	NA
COL	Y	SOUND	Y
COST	£79.35	F'MT	Cr
SUP'R	Kobra Micro Marketing, PO Box 28, Henley-on-Thames, Oxon.		
RET'R	CD BO SM SC CU		
NOTES	None		

Professional low cost spreadsheet of 63 columns and 254 rows with full editing commands. Conditional statements, formatted printing and colour Histograms.



EASY SCRIPT

MEM	Unex	BAUD	NA
COL	Y	SOUND	Y
COST	£75.00	F'MT	D
SUP'R	Commodore Business Machines Ltd. 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Comprehensive word processing package. Allows user to create, edit and save on cassette or diskette files of text up to 117 lines each. Optional link to Easyspell.

EASY SPELL

MEM	Unex	BAUD	NA
COL	N	SOUND	N
COST	£50.00	F'MT	D
SUP'R	Commodore Business Machines Ltd. 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

A spelling checker for files produced by the Easyscript word processing package. It must be loaded through Easyscript. The program comes complete with a 20,000 word master dictionary.

EASY STOCK

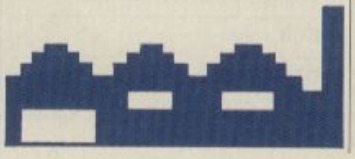
MEM	Unex	BAUD	NA
COL	Y	SOUND	Y
COST	£75.00	F'MT	D
SUP'R	Commodore Business Machines Ltd. 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Predefined 16 field stock record including number, description, sales and purchase figures. Full management reporting with seven different reports. Up to 550 stock records per disc.

FIGARO III

MEM	64K	BAUD	NA
COL	Y	SOUND	Y
COST	£75.00	F'MT	D
SUP'R	Saxon Computing, 3 St. Catherings Drive, Leconfield, Beverley, Humberside.		
RET'R	LC CO BW		
NOTES	None		

Large capacity numeric database with forecasting statistics, calculations and colour graphics all built in. Menu driven for easy use. Full manual. Designed to make sense out of seas of figures.



FUTURE FINANCE

MEM	Unex	BAUD	NA
COL	Y	SOUND	Y
COST	£75.00	F'MT	D
SUP'R	Commodore Business Machines Ltd. 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

A financial planning package enabling the user to predict a company's profit and cash-flow position based on the effect of changes in such figures as interest rates and depreciation.

KESTREL PURCHASE ACCOUNTING

MEM	Unex	BAUD	NA
COL	Y	SOUND	N
COST	£114.00	F'MT	D
SUP'R	Kobra Micro Marketing, PO Box 28, Henley-on-Thames, Oxon.		
RET'R	CD		
NOTES	None		

Purchase accounting with remittance advice production, aged creditors list, recording or invoices, credit notes, payments and adjustments. Up to 300 accounts with 2000 transactions per month.

KESTREL SALES ACCOUNTING

MEM	Unex.	BAUD	NA
COL	Y	SOUND	N
COST	£114	F'MT	D
SUP'R	Kobra Micro Marketing, PO Box 28, Henley-On-Thames, Oxon.		
RET'R	CD		
NOTES	None		

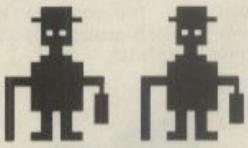
Sales accounting with statement production, aged debitors list, recording of invoices, credit notes, receipts and adjustments. Up to 300 accounts and 2000 transactions per month.

commodore 64
BUSINESS

KESTREL STOCK CONTROL

MEM	Unex.	BAUD	NA
COL	Y	SOUND	N
COST	£114	F'MT	D
SUP'R	Kobra Micro Marketing, PO Box 28, Henley-on-Thames, Oxon.		
RET'R	CD		
NOTES	None		

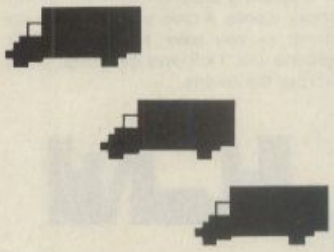
Stock control with stocktake list, movements report, enquiries, stock record card print, ex-order report and on order report, retail price list with trade or discounted prices.



MAILPRO 64

MEM	Unex.	BAUD	NA
COL	Y	SOUND	N
COST	£79	F'MT	D
SUP'R	Kobra Micro Marketing, PO Box 28, Henley-on-Thames, Oxon.		
RET'R	CD		
NOTES	None		

Mailing list manager for creating/sorting information. Can be merged with Paperclip or Wordpro packages. Fast sorting selection of data.



MAGPIE

MEM	Unex.	BAUD	NA
COL	Y	SOUND	Y
COST	£99.95	F'MT	Cr
SUP'R	Audiogenic Ltd., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

A database system, completely programmable by the user. Operated by 'pop-up' menus. Written in 1001 machine code. Compatible with wordcraft 40.

NON VAT ACCOUNTS

MEM	Unex.	BAUD	Norm
COL	N	SOUND	N
COST	£24.50	F'MT	Ca
SUP'R	Kuma Computers, 11 York Road, Maidenhead.		
RET'R	AA		
NOTES	None		

Up to 255 entries per moth may be made, with up to 20 cost and 20 income headings. Reports may be produced for the month; payment type or heading.

ORACLE 64

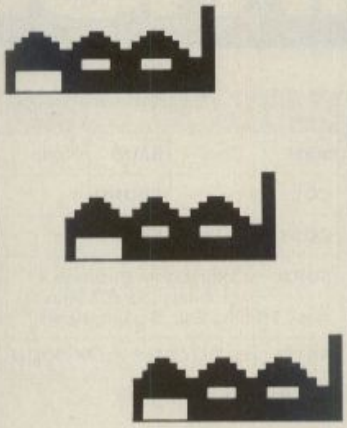
MEM	Unex	BAUD	NA
COL	Y	SOUND	N
COST	£114.00	F'MT	D
SUP'R	Kobra Micro Marketing, PO Box 28, Henley-on-Thames, Oxon.		
RET'R	CD		
NOTES	None		

Database with record size up to 12,000 characters, 99 fields and 9 pages per record. Ten levels of sorting with 'wild' card and not equal and multiple field searching.

PAPERCLIP 64

MEM	Unex	BAUD	NA
COL	Y	SOUND	N
COST	£99.00	F'MT	D
SUP'R	Kobra Marketing, PO Box 28, Henley-on-Thames, Oxon.		
RET'R	CD		
NOTES	None		

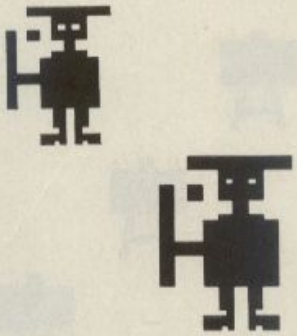
Sophisticated word processor with full editing/deleting/searching and replacing of text, column manipulation and sorting, with output to any printer type.



SOLID STATE DATABASE

MEM	Unex	BAUD	Norm
COL	N	SOUND	N
COST	£24.50	F'MT	Ca/D
SUP'R	Kuma Computers, 11 York Road, Maidenhead		
RET'R	AA SC		
NOTES	Disc £59.50		

A general purpose electronic 'Card Index', this program can store 255 cards or pages on a data cassette, or ten times that amount on disc. Each page has up to 10 fields.



WORDCRAFT 40

MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£89.95	F'MT	Cr
SUP'R	Audiogenic Ltd., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

A wordprocessor system which will support files on tape or disc — Centronics interface included. Full text control, manipulation, name and address capabilities. Scrolling screen display.

HOME-PERSONAL

ABRACALC

MEM	Unex.	BAUD	Norm
COL	Y	SOUND	N
COST	£25.00	F'MT	Ca/D
SUP'R	Abrasco Ltd., The Grange Barn, Pikes End, Eastcote.		
RET'R	AA VI		
NOTES	Disk £27.50		

A spreadsheet program suitable for home or small business. Facilities include cash flow analysis, sales forecasts, "What if" questions.

HOME MANAGER

MEM	Unex.	BAUD	Norm
COL	N	SOUND	N
COST	£12.50	F'MT	Ca/D
SUP'R	Abrasco Ltd., The Grange Barn, Pikes End, Eastcote.		
RET'R	AA		
NOTES	Disk £15.00		

A suite of five programs consisting of: Diary, Budget, Bank Manager, Loan Calculator, Address Manager.

THE ROBERT CARRIER FAMILY MENU PLANNER

MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Tracing Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Designed with the help of top TV chef Robert Carrier this program helps you plan dinner parties and even who to invite.

commodore 64

AN INTRODUCTION TO BASIC — PART 1

MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£14.95	F'MT	Ca/D
SUP'R	Commodore Business Machines Ltd. 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

First of two part series to teach the novice computer programming. Aspects covered include a tour of the keyboard, strings, program loops and programming colour and sound.

ASSEMBLER TUTOR

MEM	Unex	BAUD	Norm
COL	Y	SOUND	N
COST	£29.95	F'MT	Ca/D
SUP'R	Commodore Business Machines Ltd. 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

A tutorial for would-be machine code programmer, or for those programmers who already know something about Assembly language programming but wish to expand their knowledge of 6502 machine code.

BAILIFF

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca/D
SUP'R	Sulis Software Ltd., 4 Church Street, Abbey Green, Bath.		
RET'R	JO		
NOTES	None		

A spelling program with over 1000 words, concentrating on beginnings and engings of words, such as GN-/KN-/N- -ANCE/-ENCE/-ENSE. Furniture moves in and out when you get words right or wrong.

BBC "MASTERMIND"

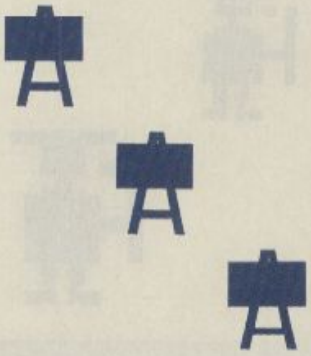
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd. 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Popular version of the TV programme. Each package comes with a set of questions. Eight further question tapes are available.

BESIEGED

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca/D
SUP'R	Sulis Software Ltd., 4 Church Street, Abbey Green, Bath.		
RET'R	JO		
NOTES	None		

A difficult spelling game. You are given a definition and clue; if the answer is right, a knight rides into the castle, if wrong, the infidels get you.



BIOLOGY — G.C.E. 'O' LEVEL

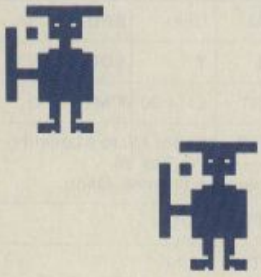
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	N
COST	£9.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Program covers the nature and variety of living organisms, functions of living organisms and the biology of the environment.

CHEMISTRY — G.C.E. 'O' LEVEL

MEM	Unex.	BAUD	Norm
COL	Y	SOUND	N
COST	£9.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Subjects covered include periodic tables, structure, binding and energy, redox reactions, acids, bases and salts.



CRANKY

MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£10.95	F'MT	Ca
SUP'R	ASK Ltd., London House, 68 Upper Richmond Road, SW15.		
RET'R	AA		
NOTES	None		

Involves exploring number patterns and the relationship between numbers through a pocket calculator, whose fault (shown on the 1-100 number square) can be repaired by building the numbers in the pattern. (Age 3-12).

ENGLISH LANGUAGE CSE/GCE

MEM	Unex.	BAUD	Norm
COL	Y	SOUND	N
COST	£9.99	F'MT	Ca
SUP'R	Commodore business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Subjects covered include composition, summary, comprehension, spelling, grammer and a general test.

FACEMAKER

MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£10.95	F'MT	Ca
SUP'R	ASK Ltd., London House, 68 Upper Richmond Road, London, SW15.		
RET'R	AA		
NOTES	None		

A game about observation enabling children to build faces on the screen, identikit style. The computer draws pictures, in reply to answers typed in by the child. (Age 5-12).

FOL-DE-ROL

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca/D
SUP'R	Sulis Software Ltd., 4 Church Street, Abbey Green, Bath.		
RET'R	JO		
NOTES	None		

A spelling program with simple but tricky words. A clue and definition are given — you have to spell it right, escape the Troll and get three goats across the bridge.

GEOGRAPHY — G.C.E. 'O' LEVEL

MEM	Unex	BAUD	Norm
COL	Y	SOUND	N
COST	£9.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd. 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Subjects covered include United Kingdom climate, farming, industry and power supplies. World climate and vegetation, agriculture and trade.

commodore 64
EDUCATION

GOLDEN APPLE			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca/D
SUP'R	Sulis Software Ltd., 4 Church Street, Abbey Green, Bath.		
RET'R	JO		
NOTES	None		

Spelling program dealing with words with different sounds. Like -OUGH/-FF, Y or I. Correct spellings get you up the ladder to the Golden Apple.

GET IT RIGHT			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
UP'R	Sulis Software, marketed by John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA		
NOTES	None		

Get It Right. Simple explanations show you what's right, and then you're let loose on texts full of tricky traps to check that you know what you're doing.

GRAMMAR TREE NOUNS & ADJECTIVES			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£10.95	F'MT	Ca
SUP'R	Sulis Software, marketed by John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA		
NOTES	None		

Subjects and Predicates, and a guided tour of Subjects in particular, with the meddlesome trio of Nouns, Articles and Adjectives accompanying your every step. Clauses and phrases get put in their place on the way.

GRAMMAR TREE SENTENCES			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£10.95	F'MT	Ca
SUP'R	Sulis Software, marketed by John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA		
NOTES	None.		

Sentences loom larger in the Grammar Tree than in most traditional grammars. Peering at Passives, Pronouns, Possessives and other grammatical plug-uglies through the prism of the sentence soon puts them into focus.

GRAMMAR TREE VERBS & ADVERBS			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£10.95	F'MT	Ca
SUP'R	Sulis Software, marketed by John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA		
NOTES	None		

Verb, Phrases, Verbs and Adverbs steers you through that mysterious thing called the Predicate. Verbs, objects, adverbs and prepositions drop into their allotted place on the grammar Tree.

HIDE AND SEEK			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£10.95	F'MT	Ca
SUP'R	ASK LTD., London House, 68 Upper Richmond Road, London SW15.		
RET'R	AA		
NOTES	None		

An introduction to early reading and writing. Various objects are hidden in boxes and the player must remember what went where, eventually typing in the names of the objects (ages 5-12).

HISTORY (20TH CENTURY) — G.C.E. 'O' LEVEL			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	N
COST	£9.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd. 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Subjects covered include the two world wars, peace and democracy, totalitarianism, empires and the Commonwealth.

JUST A MOT			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Sulis Software, marketed by John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA		
NOTES	None		

A bi-lingual program for learning 1000 useful and up-to-date French words. There are five vocabulary areas: Travel, Shopping, Food and Drink, Essentials. Work from English into French, or vice versa.

KNOW YOUR CHILDS I.Q.			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	N
COST	£9.99	F'MT	Ca
SUP'R	Commodore Business Machine Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Designed by Dr. G. Wilson and D. Grills of University of London to test children between the ages of 5 and 11 years old.

KNOWN YOUR OWN I.Q.			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	N
COST	£9.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Comes with four tests each of 40 questions designed by Prof. Eysenck. The computer will calculate your score from the results.

LET'S COUNT			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£10.95	F'MT	Ca
SUP'R	ASK Ltd., London House, 68 Upper Richmond Road, London, SW15.		
RET'R	AA		
NOTES	None		

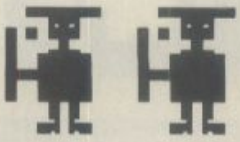
A colourful game for young children beginning to learn about numbers. It introduces the numbers 1 to 9 and has sections on ordering and the relations more, less and equal. (Age 3 upwards).

MASTERBARD			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£12.95	F'MT	Ca/D
SUP'R	Sulis Software, 4 Church Street, Abbey Green, Bath.		
RET'R	JO		
NOTES	None		

A series starting with Hamlet and Henry IV/I. Scene by scene analysis of each play, with key quotes, questions on paraphrases and a quiz on the whole play.

MATHEMATICS 1 — G.C.E. 'O' LEVEL			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	N
COST	£9.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Subjects covered include Algebra, Geometry and Trigonometry. A mixture of modern and traditional mathematics.



MATHEMATICS 2 — G.C.E. 'O' LEVEL			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	N
COST	£9.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd. 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Subjects covered include traditional mathematics, arithmetic, equations, progressions, functions, calculus and trigonometry.

commodore 64
EDUCATION

MUSIC COMPOSER

MEM	Unex	**BAUD**	NA
COL	Y	**SOUND**	U
COST	£9.99	**F'MT**	Cr
SUP'R	Commodore Business Machines Ltd. 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Write your own music and save it to play again. This program makes fine use of the computer's sound capabilities.

NUMBER GULPER

MEM	Unex	**BAUD**	Norm
COL	Y	**SOUND**	Y
COST	£10.95	**F'MT**	Ca
SUP'R	ASK Ltd., Loncon House, 68 Uper Richmond Road, London, SW15.		
RET'R	AA		
NOTES	None		

To improve mathematical skills. Explores the relationship between the four BASIC arithmetic operations. Players must achieve a result number using only numbers shown on the screen. Nineteen levels of difficulty (age 5-12).

NUMBER PUZZLER

MEM	Unex	**BAUD**	Norm
COL	Y	**SOUND**	Y
COST	£10.95	**F'MT**	Ca
SUP'R	ASK Ltd., London House, 68 Upper Richmond Road, London SW15.		
RET'R	AA		
NOTES	None		

Three games in addition and subtraction involving a kind of numerical noughts and crosses. Winning strategies are achieved by adding numbers together or decomposing one of them into separate parts. There is a choice of difficulty (age 4-12).

OPEN SESAME

MEM	Unex	**BAUD**	Norm
COL	Y	**SOUND**	Y
COST	£9.95	**F'MT**	Ca
SUP'R	Sulis Software Ltd., 4 Church Street, Abbey Green, Bath.		
RET'R	JO		
NOTES	None		

500 words often misspelt are in this program. A definition and clue are given — spell it right, and you can enter the cave — wrongly, and the thieves get you.

PHYSICS — G.C.E. 'O' LEVEL

MEM	Unex	**BAUD**	Norm
COL	Y	**SOUND**	N
COST	£9.99	**F'MT**	Ca
SUP'R	Commodore Business Machines Ltd. 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Subjects covered include charges and circuits, electricity and magnetism, electronics and nucleonics, waves and sound.

QUIZMASTER

MEM	Unex	**BAUD**	Norm
COL	Y	**SOUND**	Y
COST	£9.99	**F'MT**	Ca
SUP'R	Commodore Business Machines Ltd. 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Design your quiz of 40 questions. A unique revision and teaching aid.

SHAPE UP

MEM	Unex	**BAUD**	Norm
COL	Y	**SOUND**	Y
COST	£10.95	**F'MT**	Ca
SUP'R	ASK Ltd., London House, 68 Upper Richmond Road, London SW15.		
RET'R	AA		
NOTES	None		

Introduces children to geometry. Circles, squares, triangles and rectangles. In simple matching games and then combined to build a street of houses etc. Also a burglar must be caught (age 3 upwards).

SPIRATES AND SNOWMEN

MEM	Unex.	**BAUD**	Norm
COL	Y	**SOUND**	Y
COST	£4.99	**F'MT**	Ca
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Two programs to test the child's aritmetic ability. Inc udes full sound and graphics.

START PROG. WITH CORTEK AND THE MICROCHIPS

MEM	Unex.	**BAUD**	Norm
COL	Y	**SOUND**	Y
COST	£12.99	**F'MT**	Ca
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

The first of a series of packages designed to teach young people the fundamentals of computer programming by coupling a space adventure story with lessons in basic programming.

TABLE ADVENTURES

MEM	Unex.	**BAUD**	Norm
COL	Y	**SOUND**	Y
COST	£10.95	**F'MT**	Ca
SUP'R	ASK Ltd., London House, 68 Upper Richmond Road, SW15.		
RET'R	AA		
NOTES	None		

Inproves children's tables through four exciting games. These show the importance of the 1-100 number table or square, and emphasize an approach to tables through factorisation rather than mulitplication.(Age 3-12).

THE PATRICK MOORE ASTRONOMY PROGRAM

MEM	Unex.	**BAUD**	Norm
COL	Y	**SOUND**	Y
COST	£9.99	**F'MT**	Ca
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Designed in collaboration with Patrick Moore, this program allows the user to easily search through a dictionary for either stars or constellations.

TIME TRAVELLER

MEM	32K	**BAUD**	Norm
COL	Y	**SOUND**	Y
COST	£9.95	**F'MT**	Ca/D
SUP'R	Sulis Software Ltd., 4 hurch Street, Abbey Green, Bath.		
RET'R	JC		
NOTES	None		

You have to travel through five ages to reach the 20th Century. You must get historical facts right, and make your way through five mazes to get there.

TIME TRAVELLER

MEM	Unex	**BAUD**	Norm
COL	Y	**SOUND**	Y
COST	£9.95	**F'MT**	Ca
SUP'R	Sulis Software, marketed by John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA		
NOTES	None		

Stranded 4000 years in the past, you have to surv ve the perils of the Bronze Age, Roman Britain and Norman, Renaissance and Victorian England in order to get back to the present.

commodore 64
EDUCATION

TOWERING INFERNO			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca/D
SUP'R	Sulis Software, 4 Church Street, Abbey Green, Bath.		
RET'R	JO		
NOTES	None		

1000+ words which are difficult to spell because of double letters or irregular plurals. You have to spell words right to avoid the flames and escape from the skyscraper.

WORDMASTER			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Sulis Software, John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA		
NOTES	None		

Wordmaster takes you into the heart of English words — and leads you to mastery of those beginnings and endings — prefixes and suffixes — which CONfuse and mystiFY so many people.

WORDPOWER			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Sulis Software, John Wiley & Son, Baffins Lane, Chicheste'.		
RET'R	AA		
NOTES	None		

Wordpower is a package containing more than 1200 words, including opposites, synonyms, nouns, adjectives, collectives and similes. A choice of two games, plus a key-in option and different levels of difficulty.

WORDS, WORDS, WORDS			
MEM	Unex.	BAUD	Norm
COL	N	SOUND	Y
COST	£10.95	F'MT	Ca
SUP'R	ASK Ltd., London House, 68 Upper Richmond Road, SW15.		
RET'R	AA		
NOTES	None		

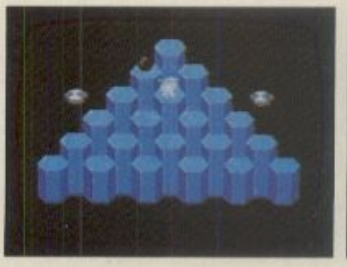
Enables children to build up their own stories. Over 80 different words are introduced together with eight different scenes which can be linked together. Correctly typed names of objects shown succeed in animating the scene. (Age 5-8).

GAMES
commodore 64

ANNIHILATOR			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.99	F'MT	Ca
SUP'R	Rabbit Software Ltd., 380 Station Road, Harrow, Middx.		
RET'R	SC BO CU CA DX LA SM RU		
NOTES	None		

Fly your spaceship across the rocky terrain swerving and destroying all the alient craft. The ever popular defender is back bringing out the capabilities of the VIC20 & 64 machines.

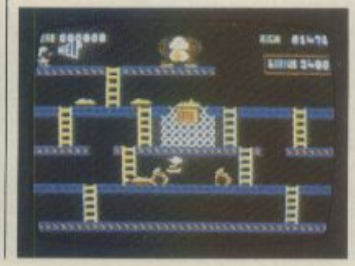
HEXPERT



AIRPORT YESTERDAY			
MEM	30K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	Phoenix Software Ltd., 116 Marsh Rd., Pinner, Middx.		
RET'R	AA		
NOTES	Twin cassette pack, action adventure.		

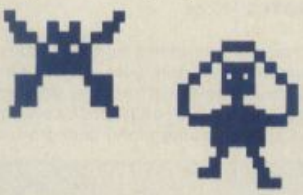
Get through the stoms and lightning to land your Jumbo jet at the airport — but wait! The place is deserted, just you, your passengers and crew. How? and why?

KONG 64

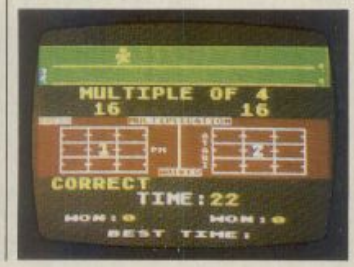


AQUAPLANE			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Quicksilva, Palmerston Park House, 13 Palmerston Road, Southampton.		
RET'R	AA		
NOTES	None		

Original arcade type game.



MARATHON



ARCADIA 64			
MEM	64K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.50	F'MT	Ca
SUP'R	Imagine Software Ltd., Imagine House, 5 Sir Thomas St., Liverpool.		
RET'R	SM MZ BO DX & others		
NOTES	Supports Joystick		

Enhanced version of spectrum Arcadia. Nastier aliens, more levels and faster. Tradtional shoot 'em down space game.

SKRAMBLE

commodore 64
GAMES

ATTACK ON WINDSCALE

MEM	30K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	Phoenix Software Ltd., 116 Marsh Road, Pinner, Middx.		
RET'R	AA		
NOTES	Twin cassette, action/adventure		

The job of protecting Windscale Atomic Reactor for aerial and underground attack is tricky enough — but when the pile is bombarded by Sonar. Beat the action — solve the adventure.

BBC ASK THE FAMILY

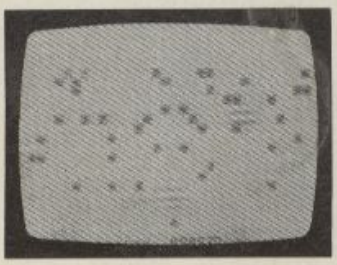
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd. 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Popular computer version of the TV family quiz show.

BITMANIA

MEM	Unex	BAUD	Norm
COL	Y	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Virgin Games Ltd., 61/63 Portobellow Road, London W11		
RET'R	AA SM BO MZ DX GA PM		
NOTES	None		

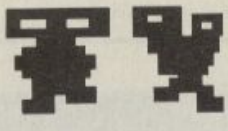
Player is armed with laser cannons and must try and destroy 'Bitz' which appear. Once a 'Bit' is shot it turns into a 'Pod'. All obstructions must be cleared before proceeding to next level.



CENTROPODS

MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.99	F'MT	Ca
SUP'R	Rabbit Software, 380 Station Road, Harrow Middx.		
RET'R	SC BO CU CA DX LA SM RU		
NOTES	None		

A field of mushrooms, red spiders and an extremely flexible centipede. The idea is to destroy the centipede completely but each time you hit him he breaks up into different segments.



CLOWNS

MEM	Unex	BAUD	NA
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	Commodcre Business Machines Ltd. 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	Requires paddles		

A game for one or two players. Burst the balloons at the top of the screen by jumping on and off the see-saw

COSMIC SPLIT

MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	PSS, 452 Stoney Stanton Road, Coventry.		
RET'R	BO MZ MI PM LA SM LS PC		
NOTES	None		

You are caught in a vicious jungle of giant insects. Centipedes are attacking you from all sides. Killer fleas are dropping from the sky, and there's a venemous spider lurking in the background.

CHICKEN 1

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Durell Software, Castle Lodge, Castle Green, Taunton.		
RET'R	AA and others		
NOTES	None		

CYCLONS

MEM	Unex	BAUD	300
COL	Y	SOUND	Y
COST	£5.99	F'MT	Ca
SUP'R	Rabbit Software Ltd., 380 Station Road, Harrow.		
RET'R	SC BO CU CA DX LA SM RU		
NOTES	None		

You control a spaceship across a rugged terrain, aliens are on the rampage and you have to use your 360 degree firing mechanism. The game shows the capabilities of the 64

DANCING MONSTER

MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd. 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Destroy the dancing monster piece by piece with your magic ray to release the princess trapped by the evil wizard. A one player game incorporating sound and graphics.

DEATH MINES OF SIRUS

MEM	30K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	Phoenix Software Ltd., 116 Marsh Road, Pinner, Middx.		
RET'R	AA		
NOTES	Twin cassette — Action/Adventure		

A real time action game that gives you clues to the adventure. Land on Sirus, rescue the miners and then kill the deadly fungus. Beat the action — solve the adventure.

DEPTH CHARGE

MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd. 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

A war game making full use of sound and graphics. The players have to depth charge the attacking submarines without being sunk. For one or two players.

DICKY'S DIAMONDS

MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.99	F'MT	Ca
SUP'R	Romik Software Ltd., 272 Argyll Avenue, Slough.		
RET'R	AA and others		
NOTES	None		

Dicky (the owl) has to retrieve the diamonds stolen by Stephen (the spider) by weakening Stephen's webs till they explode, and catching the diamonds as they fall.

EGBERT

MEM	64K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
UP'R	Games Machine Ltd., Bessemer Drive, Stevenage, Herts.		
RET'R	DJ		
NOTES	None		

100% machine code arcade style game.

ESCAPE M.C.P.

MEM	Unex.	BAUD	300
COL	Y	SOUND	Y
COST	£5.99	F'MT	Ca
SUP'R	Rabbit Software Ltd., 380 Station Road, Harrow.		
RET'R	SC BO CU CA DX LA SM RU		
NOTES	None		

A comprehensive maze game based on the film Tron. The idea is to reach the master control program however to achieve this you must collect several items on route. ie:- a pass and key, etc.

FACE ACHE

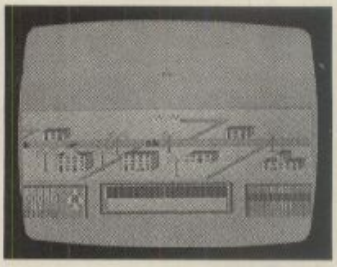
MEM	Unex.	AUD	Norm
COL	Y	SOUND	Y
COST	£4.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

A game of memory. Remember the face you are shown and then reconstruct it. A game which makes full use of graphics.

commodore 64
GAMES

FALCON PATROL			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Virgin Games Ltd., 61/63 Portobellow Road, London, W11.		
RET'R	AA SM BO MZ DX GA PM		
NOTES	None		

The player controls a jet and must try to stop attacking jets from destroying oil installations and refue ling bases.



FOOLS GOLD			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.99	F'MT	Ca
SUP'R	Romik Software Ltd., 272 Argyll Ave., Slough.		
RET'R	AA & others		
NOTES	None		

A classic textual adventure. Explore the old mining works and find the treasure that lies hidden in the baffling maze of tunnels. Beware of the wild beasts. Over 150 rooms tc explore.

FROGRUN			
MEM	20K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Anirog Software Ltd., 29 West Hill, Dartford, Kent.		
RET'R	AA		
NOTES	None		

A fast animated version of Frogger. Featuring swimming-diving turtles, alligators with snapping jaws, alligators randomly appearing in the foghoies just to add to the frustration. Running high score.

GRANDMASTER			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£17.95	F'MT	Ca
SUP'R	Audiogenic Ltd., 24-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

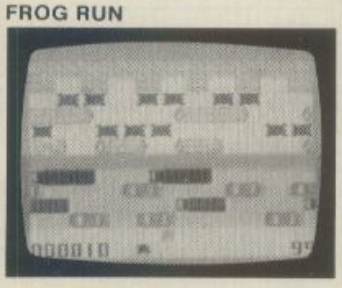
Chess program with square board. 10 levels of play, hint function, automatic queening, castling, and en passant; choice of colour scheme, automatic self-play. Comes with full manual.

HARRIER ATTACK			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Durell Software, Castle Lodge, Castle Green, Taunton.		
RET'R	AA and others		
NOTES	None		

HEXPERT			
MEM	30K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Anirog Software Ltd., 29 Westhill, Dartford, Kent.		
RET'R	AA		
NOTES	Joystick only		

The object of the game is to colour the hexagonal shapes by jumping from base to base the opposition may be lured off the board when you jump into the spinning discs.

FROG RUN



HIGH FLIER			
MEM	Unex	BAUD	NA
COL	Y	SOUND	Y
COST	£14.95	F'MT	D
SUP'R	Commodore Business Machines Ltd. 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BC CE RU SC SM WO CU		
NOTES	None		

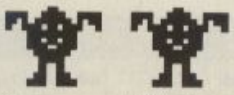
A business simulation game. Start an airline and run it for 40 years, sounds easy? A complete and absorbing game for children and adults alike.

JUPITER LANDER			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd. 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Land your space craft on the Jupiter landscape, a space game making full use of sound anc graphics.

KONG 64			
MEM	30K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Anirog Software Ltd., 29 Westhill, Dartford, Kent.		
RET'R	AA		
NOTES	To be available on floppy disc £8.95.		

The famous ladder game four screen of hilarious fun with barrels rolling, bouncing girders, tracking fireballs, conveyors with ɔies and the lift to negotiate.



KRYSTALS OF ZONG			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	PSS, 452 Stoney Stanton Road, Conventry.		
RET'R	BO MZ MI PM LA SM LS PC		
NOTES	None		

An arcade game with adventure game overtones.

LABYRINTH			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

An amazing 3D maze which you must find your way through. Full use of sound and graphics.

MAGGOT MANIA			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

One or two player game. Destroy marauding maggots before they get you.

MARATHON			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	English Software, Box 43 Manchester.		
RET'R	WO MZ CU DX BO LA GE		
NOTES	Atari XL series compatible		

Educational game for children or adults — solve different types of mathematical problems and win the race by reaching the winning post.

MONOPOLE			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.99	F'MT	Ca
SUP'R	Rabbit Software Ltd., 380 Station Road, Harrow, Middx.		
RET'R	SC BO CU CA DX LA SM RU		
NOTES	None		

The world is your oyster (or at least London is). Your objective is to buy up different plots of land and then decide whether or not to build houses or hotels on them.

commodore 64
GAMES

MOTOR MANIA			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£8.95	F'MT	Ca
SUP'R	Audiogenic Ltd., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

Cross-country car race game. Drive the car as fast as you can along a motorway, B-road, and dirt track, avoiding various hazards. Full dashboard display — requires joystick.

MOONBUGGY			
MEM	30K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Anirog Software Ltd., 29 Westhill, Dartford, Kent.		
RET'R	AA		
NOTES	Joystick only		

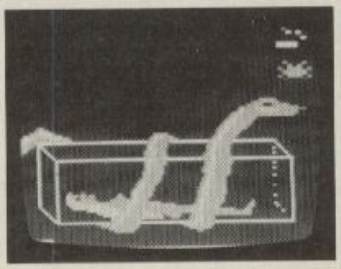
A patrol vehicle has to negotiate the hazardous scrolling moons surface. Craters, rocks and mines to be jumped. Continuous attack by enemy craft from above and on the surface.

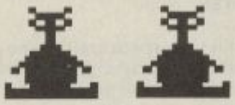
MR. HUNCHY			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.90	F'MT	Ca
SUP'R	Ocean Software Ltd., Ralli Buildings, Stanley Street, Manchester 3		
RET'R	SM BO MZ RU WO LA		
NOTES	None		

The Hunchback has to rescue Esmeralda. Avoiding fireballs, arrows, guards and other hazards. 16 different screens.

NEPTUNE'S DAUGHTERS			
MEM	64K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	English Software, Box 43, Manchester.		
RET'R	WO MZ CU DX BO LA GE		
NOTES	None		

Rescue Neptunes daughters by travelling through underwater caverns, turning the evil serpent away with food to save the ladies. Multi-screen undersea adventure.





NUMBER CHASER			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£10.95	F'MT	Ca
SUP'R	ASK Ltd., London House, 68 Upper Richmond Road, SW15		
RET'R	AA		
NOTES	None		

A game to improve estimating ability. Your vehicle is being chased by that of the computer; correct estimations get you ahead, wrong ones make your car drop back. Four levels of difficulty (age 5-12).

PAKACUDA			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.99	F'MT	Ca
SUP'R	Rabbit Software Ltd., 380 Station Road, Harrow.		
RET'R	SC BO CU CA DX LA SM RU		
NOTES	None		

An underwater version of the ever popular Pac-Man. The object is to travel around the maze eating all the energy capsules and trying to save yourself from the blood thirsty piranhas.

PURPLE TURTLES			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Quicksilva, Palmerston Park House, 13 Palmerston Road, Southampton.		
RET'R	AA		
NOTES	None		

Original arcade type game.

PATIENCE			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.99	F'MT	CA
SUP'R	Commodore Business Machines Ltd. 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

A computerised version of the traditional card game. The only problem is you can't cheat.

QUINTIC WARRIOR			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Quicksilva, Palmerston Park House, 13 Palmerston Road, Southampton.		
RET'R	AA		
NOTES	Joystick required		

Original arcade type game.

RADAR RAT RACE			
MEM	Unex	BAUD	NA
COL	Y	SOUND	Y
COST	9.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd. 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

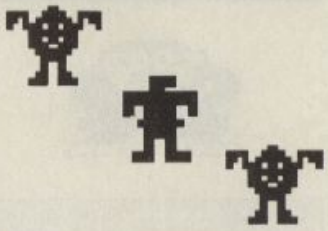
Eat the cheese in the maze without being caught by those hungry rats chasing you. A radar screen at the side of the screen lets you know where the rats are.

RENAISSANCE			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£8.95	F'MT	Ca
SUP'R	Audiogenic Ltd., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

The state-of-the-art Othello board game for the CBM 64. Nine levels of play, change sides, save and load games, take back moves, hint function, joystick control.

RING OF POWER			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	N
COST	£9.95	F'MT	Ca
SUP'R	Quicksilva, Palmerston Park house, 13 Palmerston Road, Southampton.		
RET'R	AA		
NOTES	None		

Text/graphics adventure.



ROAD TOAD			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Audiogenic Ltd., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

Help the four frogs back to their holes avoiding the dangers of the traffic, and the river. Watch out for crocodiles, a toad-eating shake and treacherous green turtles.

ROLLERBALL			
MEM	64K	BAUD	Norm
COL	Y	SOUND	N
COST	£6.90	F'MT	Ca
SUP'R	Ocean Software Ltd., Ralli Buildings, Stanley Street, Manchester 3.		
RET'R	SM BO MZ RU WO LA		
NOTES	None		

Fill in over 75% of the screen to gain points. Avoiding a huge rollerball and electricity charges.

commodore 64
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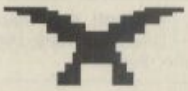
SEA WOLF			
MEM	Unex.	BAUD	Na
COL	Y	SOUND	Y
COST	£9.99	F'MT	Cr
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	Requires paddles		

A one or two player game making good use of sound and graphics. Sink the enemy shipping with your submarines' torpeodes.



SKRAMBLE			
MEM	30K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Anirog Software Ltd., 29 Westhill, Dartford, Kent.		
RET'R	AA		
NOTES	To be available on disc £8.95.		

A version of the arcade classic featuring caves, fireballs, rockets, weaving space-ships, rocket city and the maze.

SOOPER FRUIT			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd. 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Computer version of popular pub fruit machine. How much money can you make? A one player game with full sound and graphics.

SPELLBOUND BESIEGED			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Sulis Software, marketed by John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA		
NOTES	None		

A spelling game. Every word spelt right is a safe crossing for one of your knights. Spell a word srong, and the infidels will have an advantage over you.

STELLAR TRIUMPH			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.99	F'MT	Ca
SUP'R	Romik Software Ltd., 272 Argyll Avenus, Slough.		
RET'R	AA and others		
NOTES	None		

A two players game . . . you can select any of the 8 preset games, or, using the easy to use menu, choose from over 25 billion game variations.

STELLAR WARS			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd. 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	Requires joystick		

A space game for one or two players which makes full use of sound and graphics. High score and bonus point facility.

SUPER BLITZ			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd. 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

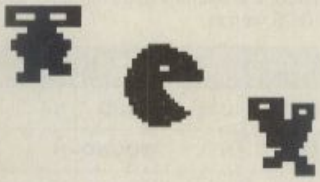
Bomb the city buildings to clear a space for you to land your aeroplane. Beware of King Kong though! This game for one or two players makes full use of sound and graphics.

THE SORCERERS APPRENTICE			
MEM	30K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	Phoenix Software Ltd., 116 Marsh Road, Pinner, Middx.		
RET'R	AA		
NOTES	Twin cassette — Action/Adventure		

The spell you cast to fill the well worked too well. You can't stop it. You'll have to brave the sorcerers castle to find the remedy.

THE FABULOUS WANDA			
MEM	64K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.905	F'MT	Ca
SUP'R	Games Machine Ltd., Bessemer Drive, Stevenage, Herts.		
RET'R	DJ		
NOTES	Full title: The Fabulous Wanda and the Secret of Life, the Universe and Everything.		

Adult fantasy game.



TOMBS OF XEIOPS			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.99	F'MT	Ca
SUP'R	Romik Software Ltd., 272 Argyll Avenue, Slough.		
RET'R	AA and others		
NOTES	None		

A classic textual adventure. The game is set in the Egyptian desert. You have to enter the tombs, search for the treasures within, and bring them safely out. Over 100 rooms to search.

VIC-TORIAN FOLLIES 2 THE GREAT AIR RACE			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca/D
SUP'R	Novasoft, 46 Pheasant Drive, Downley, High Wycombe, Bucks.		
RET'R	AA CN		
NOTES	Disc £7.95. Full title: Vic-Torian Follies 2 The Great London to Paris Air Race.		

Hi-res graphic adventure depicting the first great air race in the early days of powered flight. The player controls one of the flying machines through the hazardous realtime journey.

VICTORIAN FOLLIES 3 IN SEARCH OF DRACULA			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST		F'MT	Ca/D
SUP'R	Novasoft, 46 Pheasant Drive, Downley, High Wycombe, Bucks.		
RET'R	AA CN		
NOTES	None		

Multi screen graphic/text adventure with player exploring Castle Dracula in search of the infamous count. The main objective being to destroy him before the sun has set.

VIXPLODE-64			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£8.50	F'MT	Ca
SUP'R	Abrasco Ltd., The Grange Barn, Pikes End, Eastcote		
RET'R	AA SM UI LA		
NOTES	None		

Gain control of the board over the computer by exploding your counters into adjacent squares. Six levels of play. Ideal for all ages.

WINNING GAMES ON THE CBM 64			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£11.95	F'MT	Ca
SUP'R	Ellis Horwood Ltd., marketed by John Wiley Ltd., Baffins Lane, Chichester.		
RET'R	AA		
NOTES	Comes with book of the same title.		

Winning Games on the Commodore 64. Written in BASIC, using machine code subroutines, twenty high level arcade-type games are presented. These are intended to serve as examples for the reader of the book to create his own games. Using high resolution graphics, colour and sound effects, this is an imaginative instructive collection of games, both newly created (Attack of the Tomato, Searchlight) and based on traditional children's games such as Paper, Rock, Scissors. Most games are controlled by joystick.

commodore 64

GAMES

3D TIME TREK			
MEM	30K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Anirog Software Ltd., 29 Westhill, Dartford, Kent.		
RET'R	AA		
NOTES	None		

A graphical presentation of the old favourite Star Trek game. As you plan your moves time is running out. In addition to adopting the correct strategy you have to control the ship in battle.

WORD FEUD			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Audiogenic Ltd., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

The screen is filled with letters in which a word is hidden twice. Choose whether to play on your own, against the computer or somebody else, and between 3 and 4 letterec words.

ZAPPY ZOOKS			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.99	F'MT	Ca
SUP'R	Romik Software Ltd., 272 Argyll Avenue, Slough.		
RET'R	AA and others		
NOTES	None		

Guide Whirly along the space corridors, avoiding the Zooks and collecting alpha particles. If Whirly collects power drain plug, the Zooks turn light blue as their energy is crained.

UTILITY-MISC

ASSEMBLER DEVELOPMENT PACKAGE			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£24.95	F'MT	D
SUP'R	Commodore Business Machines Ltd. 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Allows the user to program in Assembler directly onto the C64. Includes a machine code monitor, and a DOS wedge.

BC BASIC			
MEM	Unex	BAUD	NA
COL	N	SOUND	N
COST	£50.00	F'MT	Cr
SUP'R	Kuma Computers Ltd., 11 York Road, Maidenhead.		
RET'R	AA		
NOTES	None		

Extensive BASIC toolkit adding many unique features to Commodore BASIC. Full details on application.

CENTRONICS CASSETTE			
MEM	Unex	BAUD	Norm
COL	N	SOUND	N
COST	£7.95	F'MT	Ca
SUP'R	Audiogenic Ltd., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	To be used with centronics interface cable.		

Program relocates to the top of the memory (taking up less than 200 bytes). Load your program underneath, and print out on a parallel printer.

CODEWRITER			
MEM	32K	BAUD	NA
COL	Y	SOUND	N
COST	£85.00	F'MT	D
SUP'R	Dynatech Microsoftware Ltd., Rue du Commerce, Bouet, St. Peter Port, Guernsey.		
RET'R	AA		
NOTES	None		

Codewriter is a program generator which allows users unskilled in BASIC programming to write suites of error-free data entry anc report programs with full search and updating facilities.

DIARY 64			
MEM	Unex	BAUD	NA
COL	N	SOUND	N
COST	£45.00	F'MT	Cr
SUP'R	Kobra Micro Marketing, PO Box 28, Henley-on-Thames, Oxon.		
RET'R	CD BC XM		
NOTES	None		

Diary keeps track of appointments, telephone numbers, names and addresses with the ability to search for and print data.

FOOTBALL FOCUS			
MEM	48K	BAUD	Norm
COL	N	SOUND	N
COST	£15.00	F'MT	Ca
SUP'R	Kuma Computers Ltd., 11 York Road, Maidenhead.		
RET'R	AA SC		
NOTES	None		

Using Professor Frank George's forecasting techniques, this program can store up to 7 league tables results for pools forecasting. Easy to update data and correct errors.

FORTH			
MEM	Unex.	BAUD	Na
COL	N	SOUND	N
COST	£45	F'MT	Cr
SUP'R	Kobra Micro Marketing, PO Box 28, Henley-on-Thames, Oxon.		
RET'R	CD		
NOTES	None		

Forth language with virtual memory, compact compiled and very fast code can work in any number base, macro and text editor available for 64.

FORTH			
MEM	Unex.	BAUD	NA
COL	N	SOUND	N
COST	£29.95	F'MT	Cr
SUP'R	Audiogenic Ltd., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CJ DX SC SM JL		
NOTES	None		

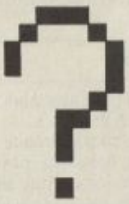
Contains all the standard Forth commands. Full error messages instead of codes, scrolling screen editor, powerful screen compression algorithms, with comprehensive manual.

FOURTH			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£19.99	F'MT	Ca
SUP'R	Romik Software Ltd., 272 Argyll Ave., Slough.		
RET'R	AA & others		
NOTES	None		

A complete implementation of the FIG-Forth language for the CBM 64. It contains a built-in cassette operating system and screen editor.

JIGSAW			
MEM	Unex.	BAUD	NA
COL	N	SOUND	N
COST	£5.95	F'MT	Ca/D
SUP'R	Novasoft, 46 Pheasant Drive, Downley, High Wycombe, Bucks.		
RET'R	AA CN		
NOTES	None		

Assembler package featuring Dec/Hex Hex/Dec conversion, user definable labels, simplified mnuemonics suitable for beginners. Although this is not a complete tutorial.



KNOW YOUR OWN PERSONALITY			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd. 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BOCE RU SC SM WO CU		
NOTES	None		

Well developed program to give the user a fascinating glimpse into the working of their own personality.

MATCHMAKER			
MEM	Lnex	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd. 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Party game for adults, find out if you are suited. Great fun.

commodore 64
UTILITY-MISC

MASTER CODE ASSEMBLER			
MEM	64K	BAUD	Norm
COL	Y	SOUND	Y
COST	£14.95	F'MT	Ca/D
SUP'R	Sunshine, 12/13 Little Newport Street, London WC2.		
RET'R	SM BO		
NOTES	Disc £24.00		

Mastercode Assembler is a full Assembler, Disassembler, File Editor, and Monitor for the Commodore 64. It is available on cassette or disc.

MASTERING THE COMMODORE 64			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£11.95	F'MT	Ca
SUP'R	Ellis Horwood Ltd., marketed by John Wiley Ltd., Baffins Lane, Chichester.		
RET'R	AA		
NOTES	Comes with book of the same title.		

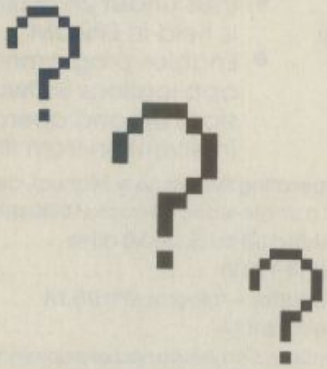
Mastering the Commodore 64. A variety of either useful or instructive programs, e.g. a short program merging two disk program files, creating a third. To facilitate writing data statements, 'Autodata' takes any block of memory and turns it into a series of data statements. Includes numerous machine code subroutines designed to be easily incorporated in the user's own programs, e.g. save and load a RAM block, hi-resolution Plotsub, and machine code joystick utility. Games include Blackjack and Gin Rummy.

MONITOR			
MEM	Unex	BAUD	NA
COL	Y	SOUND	N
COST	£29.95	F'MT	Cr
SUP'R	Audiogenic Ltd., 34-36 Drown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

Designed to easily write, debug and execute machine code programs. Monitor is completely transparent to other programs. Plus BASIC programming aid commands. Includes Centronics interface Command.

MULTISOUND SYNTHESISER			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£14.99	F'MT	Ca
SUP'R	Romik Software Ltd., 272 Argyll Avenue, Slough.		
RET'R	AA and others		
NOTES	None		

Convert your 64 into a music synthesiser. It can be played like an organ, creating your own harmonics, sound effects and background music. Plus special effects.



PAL 64			
MEM	Unex	BAUD	NA
COL	N	SOUND	N
COST	£79.00	F'MT	D
SUP'R	Kobra Micro Marketing, PO Box 28 Henley-on-Thames, Oxon.		
RET'R	CD		
NOTES	None		

Assembler language program that converts programs to 6500 machine assembled code. Compacts and speeds up BASIC programs, uses pseudo codes and labels, hex and decimal entry.

PETSPEED 64			
MEM	Unex	BAUD	NA
COL	N	SOUND	N
COST	£50.00	F'MT	D
SUP'R	Commodore Business Machines Ltd. 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RJ SC SM WO CU		
NOTES	None		

Allows the user to speed up the execution of BASIC programs. A compiled program can run up to 40 times faster. The compiler will carry out four passes, aborting if a program error is found.

POWER 64			
MEM	Unex	BAUD	NA
COL	N	SOUND	N
COST	£79.00	F'MT	D
SUP'R	Kobra Micro Marketing, PO Box 28, Henley-on-Thames, Oxon.		
RET'R	CD		
NOTES	None		

Twenty seven extra commands in BASIC including DEL, DUMP, RENUM, TRACK, WHY, EXEC, TEST, LIST, MERGE, UNDO and the ability to define other keywords.

PROGRAMMER'S UTILITIES			
MEM	NA	BAUD	NA
COL	Y	SOUND	Y
COST	£14.99	F'MT	D
SUP'R	Commodore Business Machines Ltd. 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

A range of utilities to aid the programmer included in package is a 1541 disk back-up, a DOS-wedge, Supermon-Machine Code Monitor and a PET emulator.

REL			
MEM	Unex.	BAUD	NA
COL	N	SOUND	N
COST	£38	F'MT	Cr
SUP'R	Kobra Micro Marketing, PO Box 28, Henley-on-Thames, Oxon.		
RET'R	CD		
NOTES	None		

Rel allows up to 6 relay outputs and two inputs to be connected via the user port to read signals from external devices.

SIMONS BASIC			
MEM	Unex.	BAUD	NA
COL	Y	SOUND	Y
COST	£50	F'MT	Cr
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

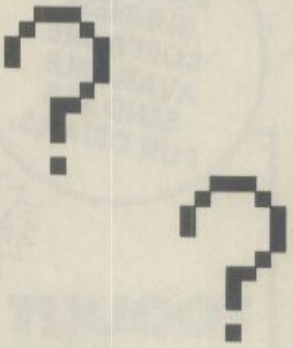
An extra 114 BASIC commands. Contains a toolkit to remove tedious aspects of coding. The vast range of commands facilitates the greater use of graphics and sound.

SPRITEMAKER 64			
MEM	64K	BAUD	Norm
COL	Y	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	English Software, Box 43, Manchester.		
RET'R	WO MZ CU DX BO LA GE		
NOTES	None		

Design and save multi-coloured sprites, and use them in your own programs. Full editing facilities under cursor key control included.

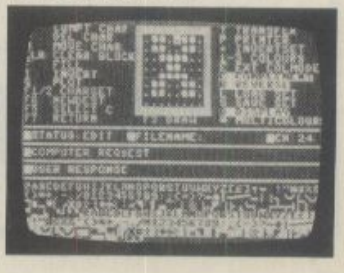
STAT			
MEM	Unex.	BAUD	NA
COL	Y	SOUND	N
COST	£45	F'MT	Cr
SUP'R	Kobra Micro Marketing, PO Box 28, Henley-on-Thames, Oxon.		
RET'R	CD		
NOTES	None		

Stat allows calculation of means, standard deviations and variances and displays the information as a bar chart or graph.



SUPERFONT 4.0 CHARACTER EDITOR			
MEM	64K	BAUD	Norm
COL	Y	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	English Software, Box 43. Manchester.		
RET'R	WO MZ CU DX BO LA GE		
NOTES	None		

Character generator lets you redefine and shape your own character sets. Full editing facilities under cursor key control included.



DRAGON 32 OWNERS

Make your Dragon turn into a real computer with the new Double-Density Delta Disk System.

DELTA DISK SYSTEM

The Delta Disk System Gives You . . .

- An affordable disk system.
- Powerful Delta disk commands.
- Lets you produce and handle random access files as easily as serial files.
- Random sequential and indexed file handling.
- Simple plug into Dragon there are no HARDWARE MODS needed to run DELTA!
- Easily expandable 180K to 1.4 megabyte ON LINE storage.
- Full range of business utility and games software AVAILABLE NOW!
- The price you see is the price you pay. NO HIDDEN RAM upgrade costs.
- Uses under 2K of user – RAM as DELTA is held in EPROM.
- Enables programmer to easily produce applications Software which automatically starts up and operates without any intervention from the user.

FULL RANGE OF BUSINESS SOFTWARE AVAILABLE. SEND SAE FOR DETAILS.

DELTA CARTRIDGE – contains DELTA disk Operating System, User Manual, demonstration diskette	£120.00
DELTA 1 – DELTA Cartridge, User Manual, a single-sided 40-track (180K) drive plus cable	£320.00
DELTA 2 – as DELTA 1, but with a single-sided 80-track (360K) drive	£355.00
Disk interface cable (supplied with DELTA 1 or 2)	£9.95
ENCODER 09 assembler/disassembler/editor – integral with DELTA	£24.95
HOME ACCOUNTS full home package for DELTA	£14.95
INFORM – Data Base Management System commissioned especially for DELTA Systems	£39.95

NEW

TOOLKIT FOR DRAGON 32

PREMIER'S ASTONISHING NEW TOOLKIT FOR THE DRAGON 32 PERFORMS THE FOLLOWING AMAZING FUNCTIONS:–

- FULL screen editor allowing copying, concatenating of lines etc. Fully linked to the DRAGON'S line editor.
- Eight PROGRAMMABLE KEYS – all easily accessed or checked.
- 25 full colour low-resolution graphics screens available with commands for instantly writing to any of them or swopping/moving. MAKES COLOUR ANIMATION AT MACHINE CODE SPEED a simple task.
- Full range of ERROR HANDLING commands with several RESUME options.
- OVER SIXTY NEW WORDS fully linked to your DRAGON BASIC – your new commands become built-in as soon as you plug in the TOOLKIT cartridge.
- VARIABLE GOTO/GOSUB commands, allowing routines to be called by name. Eg GOSUB TITLE or GOTO FINISH.
- Superb TRACE command which uses top right of screen only, thus leaving graphics/text intact.
- SEARCH and REPLACE commands for easier program modification.
- Comes complete with COMPREHENSIVE 40+ page MANUAL.

Available in CARTRIDGE or DELTA enhancement format .£29.95inc.

NEW

● DRAGON Fig FORTH ON DISK FOR DELTA ● Executes up to 10 times faster than BASIC ● Language extendable by user defined words ● Words can even be defined using the FORTH assembler for maximum speed ● BASIC and DELTA commands still available from FORTH ● Source code stored and can be compiled from disk ● FORTH can be saved to disk, including any new definitions ONLY £29.95 including MANUAL + Fig FORTH glossary + Model. Inc. VAT

SCRIBE FOR THE DRAGON 32

- FULL UPPER and LOWER CASE direct from the keyboard.
- An enlarged 42 x 24 screen display which gives a superb READABLE text.
- Full text display on hi-res screen.
- Automatic underline and reverse image.
- Up to 255 user-defined graphics.
- Precision character position command giving super/subscripts.
- Black on white text display option.
- A new Print @ command extending to 1008 thus almost doubling screen area.

ENCODER 09 FOR THE DRAGON 32

ENCODER 09 – is a full symbolic assembler using standard mnemonics and pseudo op-codes. Source code can be incorporated into BASIC programs. The monitor section contains commands to allow memory display, modification and execution. Memory block move, breakpoint handling, full disassembly and a full editor are only a few of its many features. The most powerful assembler/-disassembler/editor available for the DRAGON 32. Available as either an integral DELTA fitment or in cartridge.
Cartridge £29.95. Disk – see above.

HIPRINT FOR THE DRAGON 32

HIPRINT – screen dumper.

– will dump the entire contents of your DRAGON 32 high-res screen to a high resolution printer. Can be used for design, display etc (see left). Available at present for EPSON printers only. Other modules to follow shortly.
Tape £7.95. DELTA disk £9.95.

PREMIER MICROSYSTEMS

PREMIER MICROSYSTEMS
208 Croydon Road, Anerley, London SE20 7YX
Telephone 01-659 7131 or 778 1706
Dealer and export orders welcomed.

POSTAGE and PACKING
Tapes 1–2 95p, 3+ £1.25.
Cartridges £2.50
Drives or Disk packages £4.50
ALL PRICES INCLUDE VAT.
Send SAE for full catalogue.
ALLOW 28 DAYS FOR DELIVERY.

Access
BARCLAYCARD
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DRAGON £ BUSINESS

DATABASE			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	N
COST	£19.95	F'MT	Ca/D
SUP'R	Gemini Marketing Ltd., 18a Littleham Road, Exmouth, Devon.		
RET'R	AA		
NOTES	Disc £23.95		

Database Management System — stores information in a card index format.

INFORM PLUS			
MEM	32K	BAUD	NA
COL	N	SOUND	N
COST	£39.95	F'MT	D
SUP'R	Premier Microsystems Ltd., 208 Croydon Road, Anerley, London.		
RET'R	AA		
NOTES	Delta Disk system required		

Full DBMS for the Delta disc system. Add, search, replace, print records, amend, etc. Full documentation supplied.

SPREAD SHEET ANALYSIS			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	N
COST	£19.95	F'MT	Ca/D
SUP'R	Gemini Marketing Ltd., 18a Littleham Road, Exmouth, Devon.		
RET'R	AA		
NOTES	Disc £23.95		

Spread sheet processor with on screen amendment facility, compatible with Gemini Graphplot.

WORD PROCESSOR			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£17.25	F'MT	Ca
SUP'R	Juniper Computing, 8 Pembroke Green, Lea, Malmesbury, Wilts.		
RET'R	AA MP		
NOTES	Requires printer. User manual provided.		

Menu/cursor driven WP. Main menu options include create/edit/save/retrieve/verify/print/tape print. Also auto repeat, tabsetting, character and bulk delete, autojustify, works with any printer.

EASILEDGER			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	N
COST	£19.95	F'MT	Ca/D
SUP'R	Gemini Marketing Ltd., 18a Littleham Road, Exmouth, Devon.		
RET'R	AA		
NOTES	Disk £23.95		

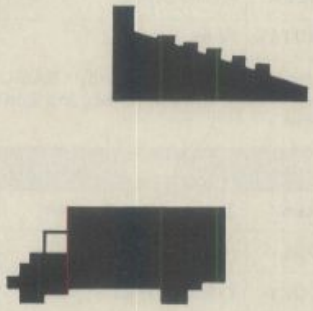
Debit/Credit Ledger System to handle sales, purchase and nominal ledger routines.

INVOICES AND STATEMENTS			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	N
COST	£19.95	F'MT	Ca/D
SUP'R	Gemini Marketing Ltd., 18a Littleham Road, Exmouth, Devon.		
RET'R	AA		
NOTES	Disc £23.95		

Stores information essential for invoices and statements and produces professionally formatted documents.

STOCK CONTROL			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	N
COST	£19.95	F'MT	Ca/D
SUP'R	Gemini Marketing Ltd., 18a Littleham Road, Exmouth, Devon.		
RET'R	AA		
NOTES	Disc £23.95		

Complete inventory control program to record stock progress and requirements.



DRAGON ? UTILITY-MISC

CHARACTER GENERATOR			
MEM	32K	BAUD	Norm
COL	N	SOUND	N
COST	£9.95	F'MT	Ca
SUP'R	Gem Software (B/S) Ltd., The Maltings, Station Road, Sawbridgewater, Herts.		
RET'R	SC		
NOTES	None		

A program for the programmer. Allows the creation and recall of character sets and shapes. Supplied with comprehensive user documentation.

COMPOSER			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£15.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Road, St. Austell, Cornwall.		
RET'R	AA		
OTES	None		

Compose music and save to tape for later use. Graphics whilst the music plays can be turned on or off. Four voices, tempo and octave changes. Demonstration 'jukebox' program.

DATAPLAN			
MEM	32K	BAUD	Norm
COL	N	SOUND	N
COST	£12.95	F'MT	Ca
SUP'R	PSS, 452 Stoney Stanton Road, Coventry.		
RET'R	BO MZ MI PM LA SM LS PC		
NOTES	None		

A database type filing system which allows the user to access, sort and print information. Flexibility is its strong point, allowing you to mould the program to your own needs.

DASM			
MEM	32K	BAUD	NA
COL	N	SOUND	N
COST	£18.95	F'MT	Cr
SUP'R	Compusense Ltd., 286d Green Lanes, Palmers Green, London.		
RET'R	AA and others		
NOTES	None		

Two pass assembler for Dragon. Supports all assembler directives. Programs entered in BASIC mode.

DRAGON UTILITY-MISC

DASM/DEMON			
MEM	Unex	BAUD	NA
COL	N	SOUND	N
COST	£30.45	F'MT	Cr
SUP'R	Compusense Ltd. 286d Green Lanes, Palmers Green, London.		
RET'R	AA and others		
NOTES	None		

Combined monitor/assembler cartridge for Dragon. Contains all the features of DASM/DEMON.

DECODE			
MEM	32K	BAUD	NA
COL	N	SOUND	N
COST	£18.95	F'MT	Cr
SUP'R	Compusense Ltd., 286d Green Lanes, Palmers Green, London.		
RET'R	AA and others		
NOTES	None		

Decode corrects Tandy BASIC programs to Dragon format and vice-versa.

DEMON			
MEM	32K	BAUD	NA
COL	N	SOUND	N
COST	£18.95	F'MT	Cr
SUP'R	Compusense Ltd., 286d Green Lanes, Palmers Green, London		
RET'R	AA and others		
NOTES	None		

Machine code moritor. Twelve commands including real time display, breakpoints, pump to printer, memory examine and change.

DISASSEMBLER			
MEM	32K	BAUD	Norm
COL	N	SOUND	N
COST	£5.00	F'MT	Ca
SUP'R	Hilton Computer Services Ltd., 14 Avalon Road, Orpington, Kent		
RET'R	AA		
NOTES	None		

Fast machine code disassembler prints to screen or printer in hex and mnemonics.

DOODLES/DEMOS SPECTRUM SPECTACULAR			
MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£5.00	F'MT	Ca
SUP'R	Automata UK Ltd., 27 Highland Road, Portsmouth, Hants		
RET'R	AA and others		
NOTES	None		

Automatic demonstration and teaching program to display graphic capabilities, and integrate user-defined graphics into your own programs.

DRAGBUG			
MEM	32K	BAUD	Norm
COL	N	SOUND	N
COST	£12.95	F'MT	Ca
SUP'R	PSS, 452 Stoney Stanton Road, Coventry.		
RET'R	BO MZ MI PM LA SM LS PC		
NOTES	None		

Dragbug is a powerful machine code monitor plus a full disassembler. An essential software tool for writing, debugging and running machine code programs or machine code subroutines to be called from BASIC.

EDIT PLUS			
MEM	32K	BAUD	NA
COL	N	SOUND	N
COST	£34.50	F'MT	Cr
SUP'R	Compusense Ltd., 286d Green Lanes, Palmers Green, London.		
RET'R	AA & others		
NOTES	None		

Full screen editor for Dragon with 51 x 24 screen. Programs can be altered, appended saved and run from the editor.

EDITOR/ASSEMBLER — MONITOR — DISASSEMBLER			
MEM	32K	BAUD	1500
COL	N	SOUND	N
COST	£19.95	F'MT	Ca
SUP'R	J. Morrison (Micros) Ltd., 2 Glensdale Street, Leeds.		
RET'R	LY DR GM JA NO PS SR WL		
NOTES	None		

Two pass global assembler supports labels. Optional auto line numbering. Powerful debug monitor with useful subroutines. Disassembler is available from the monitor.

ENCODER 09			
MEM	32K	BAUD	NA
COL	N	SOUND	N
COST	£29.95	F'MT	Cr
SUP'R	Premier Microsystems Ltd., 208 Croydon Road, Anerley, London SE20.		
RET'R	AA		
NOTES	None		

An assembler/disassembler editor for the Dragon. Recognises all 6809 op-codes. Includes full editor. Also available as Delta disc enhancement. Comprehensive manual supplied.

HI-RES			
MEM	32K	BAUD	NA
COL	N	SOUND	N
COST	£25.30	F'MT	Cr
SUP'R	Compusense Ltd., 286d Green Lanes, Palmers Green, London.		
RET'R	AA & others		
NOTES	None		

Expands dragon screen to 51 x 24 format with full upper/lower case, underlining, autorepeat & european character sets. Extended commands for basic.

HIPRINT			
MEM	32K	BAUD	NA
COL	N	SOUND	N
COST	£7.95	F'MT	Ca/D
SUP'R	Premier Microsystems Ltd., 208 Croydon Road, Anerley, London.		
RET'R	AA		
NOTES	Disc £9.95. Delta Disc system required		

Output hi-res display to printer. Epson or Microline.

LIGHT PEN			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£12	F'MT	Ca
SUP'R	Microdeal Limited, 41 Truro Road, St. Austell, Cornwall.		
RET'R	AA		
NOTES	None		

Demonstration cassette and programme for use with the Light Pen, which is included in package.

MODE 5			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Softek International Limited, 12/13 Henrietta Street, Covent Garden, London.		
RET'R	AA		
NOTES	None		

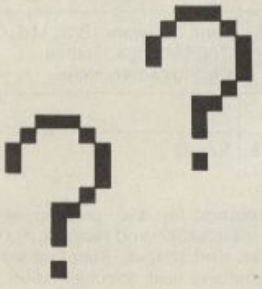
A new 'mode' which can freely mix text and graphics on screen. True lower case letters, and change the character set. Comes with three character sets.

MORSE CODE TUTOR			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Kent Computer Co., 3rd Floor, Allders of Bromley, High St., Bromley, Kent.		
RET'R	AA		
NOTES	None		

Morse Code Tutor is self explanatory.

PROGRAM PACK ONE			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£3.00	F'MT	Ca
SUP'R	Microdeal Limited, 41 Truro Road, St. Austell, Cornwall.		
RET'R	AA		
NOTES	Joystick/s required		

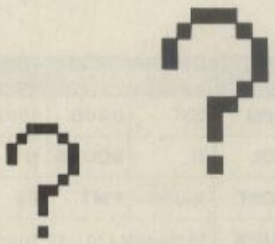
Alphabetizer — Place 300 names or objects in alphabetical order. Calorie Counter — Calorie value programme. Driveway — Drive car through the obstacle course. Flag Capture — Search for the hidden flag under 60 squares. Two player game. Jack-o-Lantern — Halloween face opens its mouth when you speak into the microphone. Mird Boggler — Computer Mastermind. Sound Repeat — repeat the same sound and colour as the computer. Tank battle — Two players. Terrestial Adventure — Adventure game.



DRAGON UTILITY-MISC

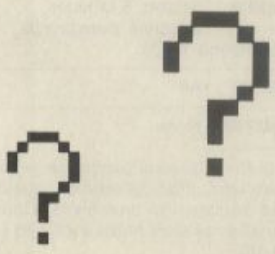
PROGRAM PACK TWO			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Road, St. Austell, Cornwall.		
RET'R	AA		
NOTES	Joystick/s required		

Bartender — Mix 37 cocktails/58 ingredients. Calendar — Plot a calendar to 9 million AD. Hangman — 90 words to guess from at three levels. Killer Mansion — Look for clues, kill the deranged man, find his treasures. Life Expectancy — Predict your life expectancy. Racetrack — Try to beat the bookies. Robot War — Shoot the robots but avoid the ball. Slot Machine — Full colour one-armed bandit. Word Test — six quizzes with ten questions per test.



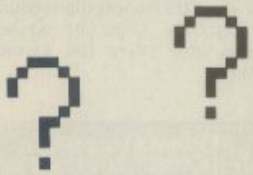
PROGRAM PACK THREE			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Road, St. Austell, Cornwall.		
RET'R	AA		
NOTES	Joystick/s required		

Basketball — Two players. Biorhythm — Biorhythm on any given day. Blackjack — Start off with $500. Playing dealer and opponent. Bombardment — Shoot opponent other side of mountain. Business Letter — Save your letters to tape and/or printer. Frenzy — Chase around after points squares. Quest for Lenore — Grapahic maze adventure. Fight the Dragons and Doomwinged Bloodthirst to rescue the maiden. Quick Think — Reaction game. Robot Bomber — One player controls bomber, other, missiles and protection.



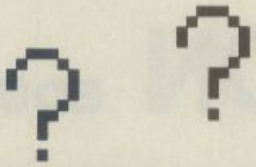
PROGRAM PACK FOUR			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Limited, 41 Truro Road, St. Austell, Cornwall.		
RET'R	AA		
NOTES	Joystick/s required		

Advanced Pong — Control a ball between two paddles and a moving wall and knock out the robots. Cheque Book Balancer. Convoy — Play the computer at a 'Battleship' type game. Cyborg. — Create a Cyborg face, selecting different features and colours. Space Station — Defend your space station from hostile ships. Super Precision Division — Division up to 1,000 digits. Voice — Saves and loads voice data from cassette.



RAINBOW WRITER			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Limited, 41 Truro Road, St. Austell, Cornwall.		
RET'R	AA		
NOTES	None		

Allows your computer to write text on any graphics screen in rainbow colours. Works in all PModes.



SALAMANDER GRAPHICS SYSTEM			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Salamander Software, 17 Norfolk Road, Brighton, East Sussex.		
RET'R	DX SC BO WP CA		
NOTES	1 joystick reqd.		

Pictures may be drawn in any mode and colour set and saved on cassette tape. Text may also be placed on the Hi-Res graphics screens in any size.

SCRIBE			
MEM	32K	BAUD	Norm
COL	N	SOUND	N
COST	£14.95	F'MT	Ca
SUP'R	Premier Microsystems Ltd., 208 Croydon Road, Anerley, Loncon SE20		
RET'R	AA		
NOTES	None		

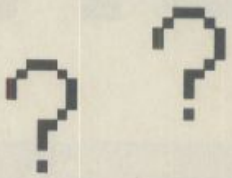
Produces a 40×24 lower case display on Dragon 32. Also gives inverse, subscripts, superscripts, 255 definable characters. Improves Dragon keyboard response.

SKETCHPAD			
MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£4.65	F'MT	Ca
SUP'R	J. Morrison (Micros) Ltd., 2 Glensdale Street, Leeds.		
RET'R	LY DR GM JA NO PS SR WL		
NOTES	None		

Written in machine code. Enables user to draw directly onto the screen using cursor keys. Graphic modes provide black screen and eight colours (varying resolutions). Pictures may be saved on tape.

TELEFORTH			
MEM	32K	BAUD	1500
COL	N	SOUND	N
COST	£19.95	F'MT	Ca
SUP'R	Microdeal Limited, 41 Truro Road, St. Austell, Cornwall.		
RET'R	AA		
NOTES	None		

Move up from EASIC with FORTH, a new high-level language with an exec time as much as 10 to 20 times faster. Extensive instruction manual included.



TEXTSTAR			
MEM	32K	BAUD	Norm
COL	N	SOUND	N
COST	£12.95	F'MT	Ca
SUP'R	PSS, 452 Stoney Stantion Road, Coventry		
RET'R	BC MZ MI PM LA SM LS PC		
NOTES	None		

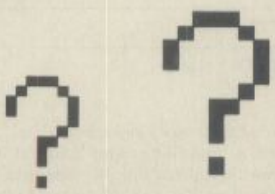
Textstar is a complete word processor, it also has a range of editing functions that are indispensable for writing basic programs. Fully compatible with most printers.

TOOLKIT			
MEM	32K	BAUD	NA
COL	N	SOUND	N
COST	£29.95	F'MT	Cr
SUP'R	Premier Microsystems Ltc., 208 Croydon Road, Anerley, London SE20.		
RET'R	AA		
NOTES	None		

Gives over 60 new words to Dragon BASIC, including SEARCH, REPLACE, OLD, ERROR, RESUME, ECHO, PLAN, PAGE, ULIN, MOVE, BLOCK, PRUNE, FULL SCREEN, EDITOR, 24 graphics screens.

UTILITIES ONE			
MEM	32K	BAUD	Norm
COL	N	SOUND	N
COST	£5.00	F'MT	Ca
SUP'R	Hilton Computer Services Ltd., 14 Avalon Road, Orpington, Kent.		
RET'R	AA		
NOTES	None		

Three machine code routines: Compress — remove all unecessary spaces and all REM lines. Catalogue — extracts program names, file types and length. Copy — provides backup copies of most machine code or basic programs.



DRAGON

HOME-PERSONAL

ALPHACAL			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£3.95	F'MT	Ca
SUP'R	Premier Microsystems Ltd., 208 Croydon Road, Anerley, London.		
RET'R	AA		
NOTES	None		

Alphabetical order generater. Also prints a calendar for any month this century and will give the numbr of days between two dates.

HOME ACCOUNTS			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	N
COST	£19.95	F'MT	Ca/D
SUP'R	Gemini Marketing Ltd., 18a Littleham Road, Exmouth, Devon.		
RET'R	AA		
NOTES	Disc £23.95		

Complete home accounting package to budget household expenditure and compare against actual expenditure.

PERSONAL BANKING SYSTEM AND BANK RECONCILIATION			
MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£12.00	F'MT	Ca
SUP'R	Hilton Computer Services Ltd., 14 Avalon Road, Orpington, Kent.		
RET'R	BM SR DR AA		
NOTES	12 page instruction manual included		

Supports datafiles, automatic posting of standing orders, entry search with printout by category with totals. Matches bank statement item automatically with PBS records highlighting all discrepancies. Lists all uncleared cheques and offers full correction facilities.

PERSONAL FINANCE MANAGER			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	Juniper Computing, 8 Pembroke Green, Lea, Malmesbury, Wilts.		
RET'R	AA		
NOTES	Printer optional, user manual provided.		

A general purpose double entry ledger system consisting of three programs. Features include user definable data lengths, on screen or printed reports, monthly budget.

CASH-FLOW			
MEM	20K	BAUD	Norm
COL	Y	SOUND	Y
COST	£8.75	F'MT	Ca
SUP'R	Dungeon Software, Milton House, St. John St., Ashbourne, Derbs.		
RET'R	AA		
NOTES	None		

Designed for home management and small buiness. It provides a user-friendly cash planning facility with balances. Comprehensive user manual included.

PERSONAL ACCOUNTS			
MEM	32K	BAUD	NA
COL	N	SOUND	N
COST	£14.95	F'MT	D
SUP'R	Premier Microsystems Ltd., 208 Croydon Road, Anerley, London.		
RET'R	AA		
NOTES	Delta disk system required		

Home account management system. Copes with standing orders, cheque cards. Categorises and analyses income and outgoings. Manual supplied.

PERSONAL PACK — BIORHYTHMS, DIET, WEIGHT			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Premier Microsystems Ltd., 208 Croydon Road, Anerley, London.		
RET'R	AA		
NOTES	None		

Gives information on your biorhythmn cycle, diet and weight.

TELEWRITER			
MEM	32K	BAUD	1500
COL	N	SOUND	N
COST	£49.95	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Road, St. Austell, Cornwall.		
RET'R	AA		
NOTES	None		

Allows use of computer as a complete home word-processor. Full edit, block delete and copy, search and replace, page scroll, etc., facilities. Margin settings for output to printer.

DRAGON

EDUCATION

BESEIGED			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca/D
SUP'R	Sulis Software Ltd., 4 Church Street, Abbey Green, Bath.		
RET'R	JO		
NOTES	None		

A difficult spelling game. You are given a definition and clue; if the answer is right, a knight rides into the castle, if wrong, the infidels get you.

CHALLENGE			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Premier Microsystems Ltd., 208 Croydon Road, Anerley, London SE20.		
RET'R	AA		
NOTES	None		

Pattern and shape matching game for both child and adult.

CHALLENGE & NUMBER MATCHER			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Premier Microsystems Ltd., 208 Croydon Road, Anerley, London SE20.		
RET'R	AA		
NOTES	None		

Number Matcher tests child's ability to convert numbers to words and vice-versa. Challenge is a shape matching game.

CHEMISTRY			
MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£8.95	F'MT	Ca
SUP'R	Scisoft, 5 Minster Gardens, Newthorpe, Eastwood, Notts.		
RET'R	AA		
NOTES	None		

Suite of several programs including problems, multiple choice questions and discover the 'unknowns'. Comprehensive revision notes included (ages 13-16).

DRAGON EDUCATION

CHILDREN FROM SPACE			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£8.95	F'MT	Ca
SUP'R	ASK Limited, London House, 68 Upper Richmond Road, London.		
RET'R	AA		
NOTES	None		

A game to improve childrens' English by asking them to help two Spacechildren write their report from earth. This includes correcting spelling, changing the tense of sentences and rearranging jumbled sentences (Age 3-12).

CIRCUITS-DIODES			
MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£11.00	F'MT	Ca/D
SUP'R	Garland Computing, 36 Dean Hill, Plymouth.		
RET'R	AA and others		
NOTES	None		

An interactive program in physics for 12-15 year-olds. Simulation of simple, to complex parallel and series circuits.

CIRCUITS — SWITCHES			
MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£11	F'MT	Ca/D
SUP'R	Garland Computing, 36 Dean Hill, Plymouth.		
RET'R	AA & others		
NOTES	None		

An interactive physics program for 12-15 year olds. Simulation of simple to complex parallel and series circuits. Keyboard commands used to open and close switches and light bulbs.

CRANKY			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£8.95	F'MT	Ca
SUP'R	ASK Ltd., Londond House, 68 Upper Richmond Road, London.		
RET'R	AA		
NOTES	None		

Involves exploring number patterns and the relationships between numbers through a pocket calculator, whose fault (shown on the 1-100 number square) can be repaired.

DELTA EDUCATION DISK ONE			
MEM	32K	BAUD	NA
COL	Y	SOUND	Y
COST	£19.95	F'MT	D
SUP'R	Premier Microsystems Ltd., 208 Croydon Road, Anerley, London.		
RET'R	AA		
NOTES	Delta disc system required		

Contains eight of our educational program on 1 diskette: Math Games Pack (4 progs), Challenge, Number Matcher, Spelling Test, Math Exerciser.

EDUQUIZ 1			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Gem Software (B/S) Ltd., The Maltings, Station Road, Sawbridgeworth, Herts.		
RET'R	SC		
NOTES	None		

Three educational quiz games. Geography, inventors and their inventions and the Kings & Queens of Great Britain.

EDUQUIZ II			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Gem Software (B/S) Ltd., The Maltings, Station Road, Sawbridgeworth, Herts.		
RET'R	SC		
NOTES	None		

Three educational quiz games. Writers, Painters and Musician.

FACEMAKER			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£8.95	F'MT	Ca
SUP'R	ASK Ltd., London House, 68 Upper Richmond Road, London.		
RET'R	AA		
NOTES	None		

A game about observation enabling children to build faces on the screen, Identikit style. The computer draws pictures. In reply to answers typed in by the child (age 5-12).

FRENCH VERBS			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Premier Microsystems Ltd., 208 Croydon Road, Anerley, London.		
RET'R	AA		
NOTES	None		

Tests on 20 irregular verbs in present tense. A suite of four programs.

FRENCH VERBS 2			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Premier Microsystems Ltd., 208 Croydon Road, Anerley, London.		
RET'R	AA		
NOTES	None		

Gives practice in 20 french irregular verbs in four tenses. Full screen display of every verb is included. For use with GCE/CSE candidates.

FUNMATHS 1			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Gem Software (B/S) Ltd., The Maltings, Station Road, Sawbridgeworth, Herts.		
RET'R	SC		
NOTES	None		

Five maths games:- Number Race, Maths Maze, Chemist, Dragon and Simon.

FUNWORDS			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Gem Software (B/S) Ltd., The Maltings, Station Road, Sawbridgeworth, Herts.		
RET'R	AA		
NOTES	None		

Improve your skill with words and letters. Four educational games — Code Craker, Anagrams, Tiles and Word Square.

GET IT RIGHT			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Sulis Software, marketed by John Wiley & Sons Limited, Baffins Lane, Chichester.		
RET'R	AA		
NOTES	None		

Get It Right. Simple explanations show you what's right, and then you're let loose on texts full of tricky traps to check that you know what you're doing.

HIDE AND SEEK			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£8.95	F'MT	Ca
SUP'R	ASK Ltd., London House, 68 Upper Richmond Road, London.		
RET'R	AA		
NOTES	None		

An introduction to early reading and writing, this game encourages and develops short term memory. Various objects are hidden in boxes and the player must remember what went where, eventually typing in the names of the objects.

JUNGLE MATHS			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.50	F'MT	Ca
SUP'R	Scisoft, 5 Minster Gardens, Newthorpe, Eastwood, Notts.		
RET'R	AA		
NOTES	None		

Educational game for addition, subtraction, multiplication and division (Ages 5-13).

DRAGON EDUCATION

JUST A MOT

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Sulis Software marketed by John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA		
NOTES	None		

A bi-lingual program for learning 1000 useful and up-to-date French words. There are five vocabulary areas: Travel, Shopping, Food and Drink, Essentials. Work from English into French, or vice versa.

LEARNING MATHS — ANGLES

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.00	F'MT	Ca/D
SUP'R	Garland Computing, 36 Dean Hill, Plymouth.		
RET'R	AA & others		
NOTES	None		

A collection of five programs using animations and simples games to show how angles are formed and named.

LEARNING MATHS — CO-ORDINATES & LINES

MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£7.00	F'MT	Ca/D
SUP'R	Garland Computing, 36 Dean Hill, Plymouth.		
RET'R	AA & others		
NOTES	None		

Five programs including games to introduce the concept of co-ordinates and equations of lines.

LEARNING MATHS — DIRECTED NUMBERS

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.00	F'MT	Ca/D
SUP'R	Garland Computing, 36 Dean Hill, Plymouth.		
RET'R	AA & others		
NOTES	None		

Three programs using animations and games to introduce the concept of positive and negative numbers.

LEARNING MATHS — FRACTIONS

MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£7.00	F'MT	Ca/D
SUP'R	Garland Computing, 36 Dean Hill, Plymouth.		
RET'R	AA & others		
NOTES	None		

A collection of four programs to help children understand fractions.

LEARNING MATHS — MOTION GEOMETRY

MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£7.00	F'MT	Ca/D
SUP'R	Garland Computing, 36 Dean Hill, Plymouth.		
RET'R	AA & others		
NOTES	None		

Three programs which help to introduce the ideas of elementary motion geometry.

LEARNING MATHS — SYMMETRY

MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£7.00	F'MT	Ca/D
SUP'R	Garland Computing, 36 Dean Hill, Plymouth.		
RET'R	AA & others		
NOTES	None		

A collection of five programs which help develop concepts of axis and symmetry. Children can draw pictures or move lines of symmetry.

LET'S COUNT

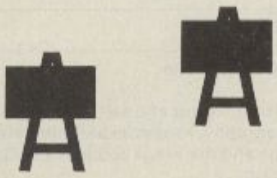
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£8.95	F'MT	Ca
SUP'R	ASK Ltd., London House, 68 Upper Richmond Road, London SW15		
RET'R	AA		
NOTES	None		

0 years upwards. A colourful game for young children beginning to learn about numbers and very easy to use. It introduces the numbers 1 to 9 and has sections on ordering and the relations more, less and equal.

MATHS 1, 2, 3, 4 & 5

MEM	9K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Simon Software, Blansheay, Droitwich Rd., New End, Redditch, Worcs.		
RET'R	AA		
NOTES	None		

Maths 1 — Number, area, fractions, decimals, money, length, number, estimation, area, fractions and decimals. Game 1: Draw a picture. Maths 2 — Volume, ratio, percentage, perimeter, bases, time, number, estimation. Game 2: Try to cross the road. Maths 3 — Directed, coordinate, angles, scale, dice, density and temperature. Game 3: Play Rugby. Maths 4 — Square root, indices, circles, inequality, statistics, number, fractions, angles. Game 4: Defend you star fleet. Maths 5 — Linear, directed, statistics, cards, circles, quadratic, pythagoras, equations. Game 5: Defend you command ship. Each section has tests of random questions.



MATHS GAME PACK

MEM	32K	AUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Premier Microsystems Ltd., 208 Croydon Road, Anerley, London.		
RET'R	AA		
NOTES	None		

Four programs, dealing with addition, subtraction, multiplication and division. For use with both children and adults. Fully graded for any ability level. (Ages 5-99).

MATHS-TREK

MEM	20K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Dungeon Software, Milton House, St. John Street, Ashbourne.		
RET'R	AA		
NOTES	None		

Maths testing via Star-Trek game. Six branches of mathematics and fifty difficulty levels are selectable.

NUMBER CULPER

MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£8.95	F'MT	Ca
SUP'R	ASK Ltd., London House, 68 Upper Richmond Road, London SW15.		
RET'R	AA		
NOTES	None		

To improve mathematical skills. Explores the relationship between the four basic arithmetic operations. Players must achieve a result number using only numbers shown on the screen. (age 5-12).

NUMBER PUZZLER

MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	8.95	F'MT	Ca
SUP'R	ASK Ltd., London House, 68 Upper Richmond Road, London SW15.		
RET'R	AA		
NOTES	None		

Three games in addition and subtraction involving a numerical noughts and crosses. Winning strategies are achieved by adding numbers together or decomposing one of them into separate parts (age 4-12).

PAIRS

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Premier Microsystems Ltd., 208 Croydon Road, Anerley, London.		
RET'R	AA		
NOTES	None		

An educational homonym program, going a wide variety of homonym recognition practice.

PHYSICS

MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£8.95	F'MT	Ca
SUP'R	Scisoft, 5 Minster Gardens, Newthorpe, Eastwood, Notts.		
RET'R	AA		
NOTES	None		

A suite of several programs including problems, multiple choice questions, revision hints. Comprehensive revision notes included (Ages 13-16).

DRAGON EDUCATION

PLANT			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Premier Microsystems Ltd., 208 Croydon Road, Anerley, London.		
RET'R	AA		
NOTES	None		

Keep a plant alive for several years by manipulating its environment. Full graphics show effects of action you have chosen.

SHAPE UP			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£8.95	F'MT	Ca
SUP'R	ASK Ltd., London House, 68 Upper Richmond Road, London SW15.		
RET'R	AA		
NOTES	None		

Introduces children tc geometry. Circles, squares, triangles and rectangles are shown in simple matching games and then combined to build a street of houses etc. There is also a burglar who steals shapes and must be caught (age 3 upwards).

SOURCE TAPE VOL 1 — DISSASSEMBLER			
MEM	32K	BAUD	Norm
COL	N	SOUND	N
COST	£5.99	F'MT	Ca
SUP'R	Compusense Ltd., 286a Green Lanes, Palmers Green, London.		
RET'R	AA & others		
NOTES	None		

Source code and object program for a single pass 6809 dissassembler using DASM.

SOURCE TAPE VOL 2 — GAME OF LIFE			
MEM	32K	BAUD	Norm
COL	N	SOUND	N
COST	£5.99	F'MT	Ca
SUP'R	Compusense, 296a Green Lanes, Palmers Green, London.		
RET'R	AA & others.		
NOTES	None		

Source program and object program for "life" game for use with DASM cartridge.

SPELLBOUND BAILIFF			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Sulis Software. Marketed by John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA		
NOTES	None		

A spelling game. Each word spelt right moves in a new piece of furniture — but get your spellings wrong, and the bailiff will carry away your belongings one by one.

SPELLBOUND BESIEGED			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Sulis Software. Marketed by John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA		
NOTES	None		

A spelling game. Every word spelt right is a safe crossing for one of your knights. Spell a word wrong, and the infidels will have an advantage over you.

SPELLBOUND COLDEN APPLE			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Sulis Software. Marketed by John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA		
NOTES	None		

Snakes 'n' ladders with a golden apple as your goal. Each word spelt right takes you up a ladder to success — but get a word wrong, and you'll find yourself sliding down.

SPELLBOUND TOWERING INFERNO			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Sulis Software marketed by John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA		
NOTES	None		

A spelling game. Each word spelt right means another blanket to aid your escape, but a wrong spelling will only make the flames lick higher.

SPELLING TEST & MATH EXERCISER			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Premier Microsystems Ltd., 208 Croydon Road, Anerley, London.		
RET'R	AA		
NOTES	None		

Spelling test provides seven sets of tests, graded from age 7+ to adult. Math Exerciser provides more formal plus, minus, multiply & divide testing and practice.

STAR READER — PACKS A & B			
MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£7.50	F'MT	Ca
SUP'R	Scisoft, 5 Minster Gardens, Newthorpe, Eastwood, Notts.		
RET'R	AA		
NOTES	None		

Educational program to assist reading. (Ages 6-11).

TABLE ADVENTURES			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£8.95	F'MT	Ca
SUP'R	ASK Ltd., London House, 68 Upper Richmond Road, London SW15.		
RET'R	AA		
NOTES	None		

Improves child'en's tables through four exciting games. These show the importance of the 1-100 number table or square, and emphasise an approach to tables through factorisation rather than multiplication (age 3-12).

TELETUTOR			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£25.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Road, St. Austell, Cornwall.		
RET'R	AA		
NOTES	None		

Spelling Test and Word Drill (word appreciation). Estimate (mental arithmetic) and Maths Drill (addition, subtraction, division, multiplication) at all levels. Two cassettes.

TIME TRAVELLER			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Sulis Software marketed by John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA		
NOTES	Ncne		

Stranded 400 years in the past, you have to survive the perils of the Bronze Age, Romar Britain and Norman, Renaissance and Victorian England in order to get back to the present.

WIZARD BOX			
MEM	32K	BAUD	Norm
COL	£7.50	SOUND	Ca
COST	Y	F'MT	N
SUP'R	Sc soft, 5 Minster Gardens, Newthorpe, Eastwood, Notts.		
RET'R	AA		
NOTES	Ncne		

Educational program — ability to set a quiz, spelling test or foreign language vocabulary.

WORDS, WORDS, WORDS			
MEM	Unex.	BAUD	Norm
COL	N	SOUND	Y
COST	£8.95	F'MT	Ca
SUP'R	ASK Ltd., London House, 68 Upper Richmond Road. SW15.		
RET'R	AA		
NOTES	Ncne		

Enables children to build up their own stories. Over 80 different words are used with eight different scenes. Correctly typed names of objects shown succeed in animating the scene. (Age 5-8).

WORDPOWER			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Sulis Software Ltd., 4 Church Street, Abbey Green, Bath.		
RET'R	JO		
NOTES	None		

Two games and a key-in option to improve your knowledge of 1200 words — choose from opposites, synonyms, nouns/adjectives, collectives, similes. Improves vocabulary and spelling.

DRAGON GAMES

ADVENTURE PLUS			
MEM	32K	BAUD	Norm
COL	N	SOUND	N
COST	£7.95	F'MT	Ca
SUP'R	Premier Microsystems Ltd., 208 Croydon Road, Anerley, London SE20.		
RET'R	AA		
NOTES	None		

Explore a house and garden, searching for treasure.

AIR TRAFFIC CONTROL			
MEM	32K	BAUD	1500
COL	N	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltc., 41 Truro Road, St. Austell, Cornwall.		
RET'R	AA		
NOTES	Joystick required		

A computer model of remotely piloted aircraft, controlling take-offs and departures, keeping track of runways, velocities, altitudes and headings. Manual included.

ALCATRAZ II			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltc., 41 Truro Road, St. Austell, Cornwall.		
RET'R	AA		
NOTES	Joystick optional		

Excape from Alcatraz II Prison by passing through several prison wings, force fields and the minotaur's lair, trapping the guards into opening the doors for you.

ANDROID INVADERS			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Liversoft, 66 Lime Street, Liverpool.		
RET'R	AA		
NOTES	None		

An Invaders type game with the choice of 2 graphic sets. With visible and invisible Invaders.

ASTROMATHS			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.50	F'MT	Ca
SUP'R	Scisoft, 5 Minster Gardens, Newthorpe, Eastwood, Notts.		
RET'R	AA		
NOTES	None		

Educational game for percentages, decimals and fractions (ages 7-15).

ATTACK			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	PSS, 452 Stoney Stanton Road, Coventry.		
RET'R	BO MZ MI PM LA SM LS PC		
NOTES	None		

An arcade game with Scramble Defender overtones. You are chief security officer on the prison planet 'Koventri' where all the captured space invaders are kept until a humane way of dealing with them can be found.

BACKGAMMON			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Rd, St. Austell, Cornwall.		
RET'R	AA		
NOTES	Light pen optional		

Play Backgammon with the computer, with a friend or watch the computer play itself. Nine levels of play. Keyboard or Light Pen.

BACK LOT			
MEM	22K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Dungeon Software, Milton House, St. John St., Ashbourne, Derbys.		
RET'R	AA		
NOTES	None		

As darkness falls, there are stirrings on the back lot of a Hollywood film studio. This adventure involves the shades of long-dead stars of the silent screen.

BONKA			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	J. Morrison (Micros) Ltd., 2 Glensdale Street, Leeds.		
RET'R	LY DR GM JA NO PS SR WL		
NOTES	None		

Machine code, hi res graphics, uses arrow keys and space bar to operate. Based on the arcade game 'Space Panic'. Hall of Fame, selectable speeds and number of monsters ('Meanies').

BIG 6			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Audiogenic Ltd., 34-36 Crown St., Reading, Berks.		
RET'R	EO CU DX SC SM JL		
NOTES	None		

A collection of 6 programs aimed at the younger child. Star Wars; Supermind; Hangman; Spiders Maze; Surround; and Graphics.

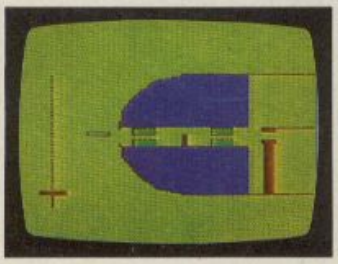
BUGGED			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Dungeon Software, Milton House, St. John Street, Ashbourne, Derbyshire.		
RET'R	AA		
NOTES	None		

A multi-screen battle to survive the assaults of Bugs and their more lethal relations Indy-Bugs (emerging from Bug Nests). Roll the Eggs to squash them!

CASTLE ADVENTURE			
MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Virgin Games Ltd., 61/63 Portobellow Road, London.		
RET'R	AA SM BO MZ DX GA PM		
NOTES	None		

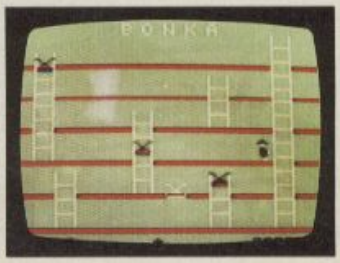
A humorous adventure game set in and around an old castle. Players mission is to rescue the staff of Garioth, avoiding such perils as mad organists, fountains, trap doors and sea dragons.

UXB



CRUSADER

BONKA



I CHING

DRAGON GAMES

CATACOMBS			
MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Premier Microsystems Ltd., 208 Croycon Road, Anersley, London.		
RET'R	AA		
NOTES	None		

3D maze program.

CAVE FIGHTER			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£8.75	F'MT	Ca
SUP'R	Cable Software, PSL Marketing, Cape House, 52 Limbury Rd., Luton, Beds.		
RET'R	BO AA		
NOTES	'In Program' speech included		

100 per cent machine code 'Scrambie' type game. Fast scrolling cave setting into which you fly the aircraft, using bombs, lasers against the fuel dumps & enemy rocket installations. Miles of caves.

CAVERNS OF DOOM			
MEM	32K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Premier Microsystems Ltd., 208 Croydon Rd, Anerley, London.		
RET'R	AA		
NOTES	None		

Set in a wierd collection of dark caverns, try to find the answers.

CHALLENGE			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Premier Microsystems Ltd., 208 Croydon road, Anerley, London.		
RET'R	AA		
NOTES	None		

Pattern and shape matching game for both child and adult.

CHAMPIONS			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Peaksoft, 7 Hawthorn Crescent, Burton-on-Trent.		
RET'R	AA		
NOTES	None		

Football management game. Take your club from the 4th Division to the European Cup. 4 Divisions, promotion, relegation, transfers weekly results and League Tables, injuries suspensions, etc.

CHATEAU			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Gem Software (B/S) Ltd., The Maltings, Station Road, Sawbridgewater, Herts.		
RET'R	PC SC		
NOTES	None		

A new type of adventure. You wander the Count's mansion in search of treasure. But beware of ghouls and ghosts, vampires and trolls.

CHESS			
MEM	32K	BAUD	1500
COL	N	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	J. Morrison (Micros) Ltd., 2 Glensdale Street, Leeds.		
RET'R	LY DR GM JA NO PS SR WL		
NOTES	None		

Full machine code. Hi-res display of board and pieces. Eight selectable skill levels. Supports castling and en passant. Uses cursor keys to operate.

CONVOY ATTACK			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	Romik Software Ltd., 272 Argyll Avenue, Slough.		
RET'R	AA and others		
NOTES	None		

Two games in one! Odd phases are where your five planes defend your convoy from guided missiles. Even phases are real time where your plane has to attack and dodge enemy planes.

COSMIC ZAP			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Road, St. Austell, Cornwall.		
RET'R	AA		
NOTES	Joystick/s required.		

You are the Commander of Star Gate which is being attacked by alien craft. If you ward these off you will be attacked by a more formidable enemy. 15 levels.

CRIBBAGE			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£8.95	F'MT	Ca
SUP'R	Premier Microsystems Ltd., 208 Croydon Road, Anerley.		
RET'R	AA		
NOTES	None		

Full colour display of cards and scoring. A 'you against the computer' game. Computer will always play its best hand, giving the player a hard fight.

CRUISING ON BROADWAY			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Sunshine, 12/13 Little Newport Street, London.		
RET'R	AA		
NOTES	None		

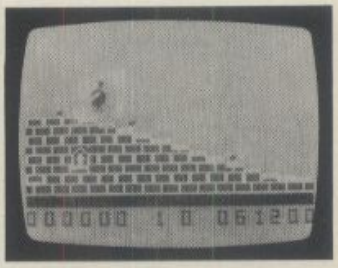
Written entirely in machine code Cruising presents a series of different screen layouts. You have to move yourself rapidly round the full length of the grids avoiding a chaser which actively follows you.

CRYSTAL CHALICE			
MEM	22K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Dungeon Software, Milton House, St. John Street, Ashbourne, Derbys.		
RET'R	AA		
NOTES	None		

This adventure (for more advanced players) involves a search for the lost fragments of the Crystal Chalice, scattered throughout the stricken Kingdom of Quorom by the evil Klarz.

CRUSADER			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	J. Morrison (Micros) Ltd., 2 Glendale Street, Leeds.		
RET'R	LY DR GM JA NO PS SR UL		
NOTES	Requires Joystick		

Machine code, hi res graphics. Seven increasingly difficult screens, scale walls, cross firepit, fight dwarfs, avoid scorpions. On screen score and lives displayed.



CUTHBERT GOES WALKABOUT			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Rd., St. Austell, Cornwall.		
RET'R	AA		
NOTES	Joystick optional		

Cuthbert must fill in the squares by running over the four corners, whilst avoiding or jumping over the 'Moronians', whose touch is fatal.

CUTHBERT IN THE JUNGLE			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£3.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Road, St. Austell, Cornwall.		
RET'R	AA		
NOTES	Joystick required		

Cuthbert is searching for treasure avoiding quicksand and alligators by jumping the hanging vines, all the time being aware of the scorpion in the basement. Played real-time.

DRAGON GAMES

CUTHBERT IN THE MINE			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Road, St. Austell, Cornwall.		
RET'R	AA		
NOTES	Joystick optional		

Cuthbert and his friends are held captive in the mine which is guarded by the fire-spitting demon. He must jump the rails, avoiding the trucks to escape.

CYBORG WARS			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Road, St. Austell, Cornwall.		
RET'R	AA		
NOTES	Joystick required.		

Destroy each wave of killer robots as they attack and rescue the humanoid survivor.

CYCLOPS			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	Romik Software Ltd., 2727 Argyll Avenue, Slough.		
RET'R	AA and others		
NOTES	None		

You are in charge of a Free Ranging Energy Devourer (FRED). Guide FRED through the maze to find food. Beware of FRED's predator the carniverous Cyclops, and the Black Holes.

DANGER RANGER			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltd. 41 Truro Road, St. Austell, Cornwall.		
RET'R	AA		
NOTES	Joystick required.		

Danger Ranger must collect ten keys from the Chamber of Pasha, warding off floating urns, radioactive bats and roving eyes, then he must face the Acid Chamber and its hazards.

DELTA ADVENTURE DISK			
MEM	32K	BAUD	NA
COL	N	SOUND	N
COST	£19.95	F'MT	D
SUP'R	Premier Microsystems Ltd., 208 Croydon Road, Anerley, London SE20.		
RET'R	AA		
NOTES	Requires Delta Disc system.		

All our adventures on one diskette.

DEATH MINES OF SIRIUS			
MEM	24K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	Phoenix Software Ltd., 116 Marsh Road, Pinner, Middx.		
RET'R	AA		
NOTES	None		

A real time action game that gives you the clues to a full graphical adventure. Land on Sirus and rescue the miners.

DEATH'S HEAD HOLE			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.45	F'MT	Ca
SUP'R	Peaksoft, 7 Hawthorn Crescent, Burton-on-Trent.		
RET'R	AA and others		
NOTES	None		

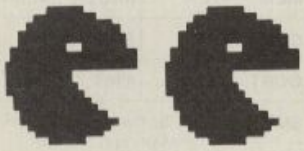
Simulation of exploits of cave rescue team.

DEVIL ASSAULT			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Road, St. Austell, Cornwall.		
RET'R	AA		
NOTES	Joystick required.		

Defeat the bombing raids by Vampire Bats, Robots and Sproings, destroying or avoiding Fireballs and Devilbirds.

DGT 2			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	J. Morrison (Micros) Ltd., 2 Glensdale Street, Leeds.		
RET'R	LY DR GM JA NO PS SR WL		
NOTES	None		

Three games on one cassette. All fully machine code. Snakes: object is to kill the snakes as they appear on screen. Lander: land space craft on one of the two chosen sites. Invaders: standard space invaders with 35 invaders, mother ship, 9 skill levels. All games use cursor keys and space bar and use high resolution graphics.



DON'T PANIC			
MEM	32K	BAUD	Norm
COL	N	SOUND	N
COST	£5.45	F'MT	Ca
SUP'R	Peaksoft, 7 Hawthorn Crescent, Burton-on-Trent.		
RET'R	AA and others		
NOTES	None		

Two traditional adventures, Towers of Death and the Ice Kingdom, by Clive Johnson.

DRAGAMES			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Simon Software, Blansheay, Droitwich Road, New End, Redditch, Worcs.		
RET'R	AA		
NOTES	None		

Four space fighting games and a forest adventure game. D-Star — guide your fighter through a tunnel to your base star. Staroids — Guide your ship through a star shower. Revenge — Avoid an attack on your base. Norman — Steer your tank through a minefield. Forest — Adventure game in the trees.

DRAG ART			
MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£8.95	F'MT	Ca
SUP'R	Computer Rentals Ltd., 140 Whitechapel Road, London.		
RET'R	AA		
NOTES	None		

A program giving you the ability to draw in colour with a high versatility. Full instructions are given in the program. The various commands are given by the program keys.

DRAGONFLY FLT SIMULATOR			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Hewson Consultants Ltd., 69a St. Mary's Street, Wallingford, Oxon.		
RET'R	AA SC BO HM		
NOTES	None		

Dragonfly Flight Simulator. A real time, Hi Res simulation of a light aircraft. Including heading, bearing, artificial horizon, rpm, flaps, etc., two runways and aerobatics capability.

DRAGONHAWK			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Road, St. Austell, Cornwall.		
RET'R	AA		
NOTES	Joystick optional.		

Wilberforce must rescue Freddy from the Dragonhawk by shooting the flies and Hawk and catching him in a basket. Beware the larvae which hatches into birds if shot by mistake.

DRAGON INVADERS			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£6.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Road, St. Austell, Cornwall.		
RET'R	AA		
NOTES	Joystick/s required		

Shoot the 36 alien invaders before they destroy your three bases. high speed game which will test your reflexes.

DRAGON GAMES

DRAGON TOWER			
MEM	32K	BAUD	Norm
COL	N	SOUND	N
COST	£7.95	F'MT	Ca
SUP'R	Premier Microsystems Ltd., 208 Croydon Road, Anerley, London.		
RET'R	AA		
NOTES	None		

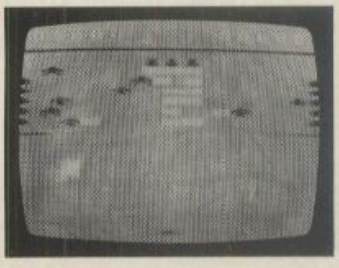
Easy to get into the Tower — can you get out again?

DRAGRUNNER			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£8.75	F'MT	Ca
SUP'R	Cable Software, PSL Marketing, Cape House, 52 Limbury Road, Luton.		
RET'R	AA		
NOTES	'In Program' speech used.		

Super sleuth Sidney must make as many safe journeys across the conveyors as he can. A running man need guiding across six counter-rotating conveyor belts.

DROIDS			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	J. Morrison (Micros) Ltd., 2 Glensdale Street, Leeds.		
RET'R	LY DR GM JA NO PS SR WL		
NOTES	Optional joystick.		

Prevent 'Droids' from removing shields and releasing bombs. Three lives to start. Bonus life and increasd points for screen cleared. Full machine code. Hi-res. graphics.



DRONE DATATANK			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£8.75	F'MT	Ca
SUP'R	Cable Software, P.S.L. Marketing, Cape House, 52 Limbury Road, Luton, Beds.		
RET'R	AA BO		
NOTES	None		

A graphic 3D simulation taking place inside the computer. Equipped with your M.K. type Datatank you must search out and destroy the evil Rom Guardian, and fight his Drone Protectors.

EIGHT BALL			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Road, St. Austell, Cornwall.		
RET'R	AA		
NOTES	Joystick required.		

Play pool on the computer, line up your cue, select strength of shot, spin, etc. and try to pot your balls before your opponent.

ESCAPE			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Road, St. Austell, Cornwall.		
RET'R	AA		
NOTES	None		

Escape from the 3D maze by solving clues from the 15 rooms, which will give you the answer to the code for the lift and freedom.

EVEREST			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Salamander Software, 17 Norfolk Road, Brighton, E. Sussex.		
RET'R	DX SC BO WP CA		
NOTES	None		

Scale Everest and take charge of a six-strong team and its supplies. Information service provided. Percentage rating given on success of climb.

EXECUTIVE JIGSAW			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£3.95	F'MT	Ca
SUP'R	Premier Microsystems Ltd., 208 Croydon Road, Anerley, London SE20.		
RET'R	AA		
NOTES	None		

Place blocks of colour into a box, following several rules to make it more difficult.

FLIPPER			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microceal Ltd., 41 Truro Road, St. Austell, Cornwall.		
RET'R	AA		
NOTES	None		

Based on 'Gomoki' or 'Reversi'. Jump over your opponent and claim as much grid as possible. Play computer, a friend or watch the computer play itself. Four levels of difficulty.

FRANKLIN'S TOMB			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Salamander Software, 17 Norfolk Road, Brighton, E. Sussex.		
RET'R	DX SC BO WP CA		
NOTES	None		

An adventure for one player. Can you, as Dan Diamond, solve the riddle of the crypt, or will you fall prey to its mystery as so many others before you?

FROGLET			
MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Computer Rentals Ltd., 140 Whitechapel Road, London.		
RET'R	AA		
NOTES	None		

Players must guide a family of frogs across a main road and a fast flowing river to their home. Each froglet has five lives.

GALACTICANS			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Softek International Limited, 12/13 Henrietta St., Covent Garden.		
RET'R	AA		
NOTES	None		

A classic version of the classic arcade game.

GALACTIC AMBUSH			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Road, St. Austell, Cornwall.		
RET'R	AA		
NOTES	Joystick/s required.		

Your fleet of four ships are on a peaceful mission when they are attacked by an enemy squadron. Using your ships one at a time you must destroy the enemy.

GAMES PACK III			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Gem Software (B/S) Ltd., The Maltings, Station Road, Sawbridgeworth, Herts.		
RET'R	PC SC		
NOTES	None		

A two game type — Reversi. Pit your wits against the computer. Five skill levels. Pontoon, favourite card game with full colour & sound for two players.

GAMES PACK IV			
MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£7.95	F'MT	Ca
SUP'R	Gem Software (B/S) Ltd., The Maltings, Station Road, Sawbridgeworth, Herts.		
RET'R	PC SC		
NOTES	None		

Two machine code games:- Sea Harrier, land you plane on the aircraft carrier after dispersing the clouds. Sub Chase, you control a destroyer & must use depth charges to destroy the enemy fleet

DRAGON GAMES

GOLF			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Salamander Software, 17 Norfolk Road, Brighton, E. Sussex.		
RET'R	DX SC BO QP CA		
NOTES	None		

Match play between one or two players, using the Stableford points system widely used for competition golf. Features full club select on, hazards, out of bounds and player handicaps.

GOLF			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Road, St. Austell, Cornwall.		
RET'R	AA		
NOTES	None		

Play golf on your computer, entering type of club to be used, angle of shot etc. rough, fairway, sand pits and water holes included.

GOLF			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Gem Software,(B/S) Ltd., The Maltings, Station, Road, Sawbridgeworth, Herts.		
RET'R	DC SC		
NOTES	None		

Over 20K of BASIC. Full 18 hole course, with handicaps, choice of clubs. Golfing weaknesses must be specified. Full colour graphics and sound including score card.

GOLF			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Audiogenic Ltd., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

For one or two players. Nine holes to play. Enter distance and angle. View from above, changes at the green, giving a close up.

GOLF			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	PSS, 452 Stoney Stanton Road, Coventry		
RET'R	BO MZ MI PM LA SM LS PC		
NOTES	None		

At last you can play 18 holes of golf from the comfort of your own home. Features: A full 18 hole course, variable club selection/shot strength and all of the hazards of a normal game.

GRABBER			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Road, St. Austell, Cornwall.		
RET'R	AA		
NOTES	Joystick optional		

Grab the eight treasures and store them in the centre boxes of the two mazes before the Googlies get them and the monsters attack you.

GRAND PRIX			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Salamander Software, 17 Norfolk Road, Brighton, East Sussex.		
RET'R	DX SC BO WP CA		
NOTES	1 or 2 joysticks required.		

Choose one of eight motor racing circuits from around the world. One or two players allowed. Stop you car from colliding, spining off or the race is over for you.

HANDICAP GOLF			
MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Computer Rentals Ltd., 140 Whitechapel Road, London.		
RET'R	AA		
NOTES	None		

A one or two player golfing game. Each player enters their individual handicaps, the computer will award strokes to the poorer player. Obstacles include The Rough, Gorse Bushes, Trees, Lakes and Bunkers.

HOUSE OF HORRORS			
MEM	32K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Premier Microsystems Ltd., 208 Croydon Rd., Anerley, London.		
RET'R	AA		
NOTES	None		

Explore a house, fighting monsters, then try to get past the Shadow.

I CHING			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Virgin Games Ltd., 61/63 Portobellow Road, London.		
RET'R	AA SM BO MZ DX GA PM		
NOTES	None		

A working version of the 4000 year old Chinese oracle. When consulted it can give advice on how to act so the future can be faced in a realistic manner.

INTERGALACTIC FORCE			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Road, St. Austell, Cornwall.		
RET'R	AA		
NOTES	Joystick required		

Your starship must fly through the force of Thai fighters with their deadly accurate lasar bombs and destroy the alien invaders below, dropping bombs through the air-shafts.

INVADER'S REVENGE			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Road, St. Austell, Cornwall.		
RET'R	AA		
NOTES	Joystick/s required.		

As the last space invader you must wipe out as many of the human ships which prowl the space lanes as you can, aiming at their valuable flagship N.

JERUSALEM ADVENTURE			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Road, St. Austell, Cornwall.		
RET'R	AA		
NOTES	None		

Travel thrcugh Jerusalem collecting the treasures avoiding the notorious Arabs, avoiding the Dead Sea and finding your way through the Golden Gate.

JOHNNY REB			
MEM	25K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	M. C. Lothlorien, 56a Park Lane, Poynton.		
RET'R	MZ and others		
NOTES	Provided with instruction booklet.		

Graphics war game set in American Civil War, one or two players. Select forces, cavalry, infantry, artillery, seek to capture enemy flag. Plays different each time. Variable sizes of forces.

KATERPILLAR ATTACK			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Road, St. Austell, Cornwall.		
RET'R	AA		
NOTES	Joystick/s required.		

Kill the descending thirsty Katerpillar before it reaches the base of the screen. Battle your wits against mushrooms and defy the vampire moths and spiders which pounce on you.

KEYS OF ROTH			
MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Computer Rentals Ltd., 140 Whitechapel Road, London.		
RET'R	AA		
NOTES	None		

An adventure game that includes real-time battles. The adventure is a journey — one in which you will have to take crucial decisions. These decisions, if correct, will lead you to the Keys of Roth.

DRAGON GAMES

KEYS OF THE WIZARD

MEM	32K	BAUD	1500
COL	N	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Road, St. Austell, Cornwall.		
RET'R	AA		
NOTES	None		

Real time adventure with over two-hundred locations and frightening creatures to fight.

LIONHEART

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.45	F'MT	Ca
SUP'R	Peaksoft, 7 Hawthron Crescent, Burton-on-Trent.		
RET'R	AA & others		
NOTES	None		

Two-part game. Success in arcade episode leads to graphics adventure. Free the Holy Land from the Sultan Saladin.

LOST IN SPACE

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Salamander Software, 17 Norfolk Road, Brighton, East Sussex.		
RET'R	DX SC BO WP CA		
NOTES	None		

2nd adventure in Dan Diamond trilogy. Features formatted display, 20 page illustrated case and file.

LUNAR ROVER PATROL

MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltd. 41 Truro Rd., St. Austell, Cornwall.		
RET'R	AA		
NOTES	Joystick required		

Explore the surface of the moon, jumping craters, moonrocks and destroying the UFO's which threaten you from overhead.

MANSION ADVENTURE

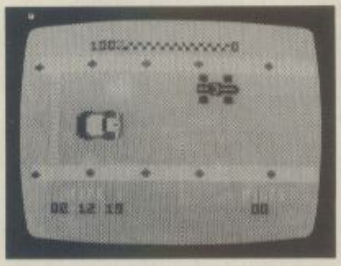
MEM	32K	BAUD	1500
COL	N	SOUND	N
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Road, St. Austell, Cornwall.		
RET'R	AA		
NOTES	None		

Wind your way through an old mansion picking up clues as you go, trying to find the hidden diamond.

MAURICE MINOR

MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	J. Morrison (Micros) Ltd., 2 Glensdale Street, Leeds.		
RET'R	LY DR GM JA NO PS SR WL		
NOTES	Requires Joystick		

Full machine code. Hi Res graphics. Player controls "Maurice Minor" in midst of Formula 1 type cars. Features accelerator, damage report, timer, six skill levels and Hall of Fame.



MIDAS MAZE

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Dungeon Software, Milton House, St. John Street, Ashbourne, Derbys.		
RET'R	AA		
NOTES	None		

Designed for primary school age children, with a simple game format and easy movement. A good fairy may assist.

MICROPOLY

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Temptation Software Ltd., 27 Cinque Ports Street, Rye, Sussex.		
RET'R	AA		
NOTES	None		

Play this version of the family board game with a competent and challenging microbanker and property tycoon. State of game and board on instant recall — or the game saved.

MINED-OUT

MEM	32K	BAUD	Norm
COL	Y	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Quicksilva, Palmerston Park House, 13 Palmsterston Road, Southampton.		
RET'R	AA		
NOTES	None		

An original real-time strategy game featuring seven levels of play, damsels in distress, walking mines, Bill the Worm and action replay.

MONSTERS

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Softek International Ltd., 12/13 Henrietta St., Covent Garden, London.		
RET'R	AA		
NOTES	None		

Trapped being chased by monsters, demons and ghculs! each new monster harder to kill than the last. I was winning, when suddenly . . .

MOROCCO

MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Rd., St. Austell, Cornwall.		
RET'R	AA		
NOTES	Jostick/s required		

Race your car around the Morocco Grand Prix circuit, avoiding oncoming traffic and negotiating bends and narrowing roads.

NIGHT FLIGHT

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Salamander Software, 17 Norfolk Road, Brighton.		
RET'R	DX SC BO MZ WP CA		
NOTES	None		

With accurate simulation of flying single engine light aircraft, with take-off, landing and other standard manoeuvers. As skill increases, progress onto more advanced manoeuvers.

NINE IN A LINE

MEM	32K	AUD	Norm
COL	Y	SOUND	Y
COST	£3.95	F'MT	Ca
SUP'R	Premier Microsystems Ltd., 208 Croydon Road, Anerley, London.		
RET'R	AA		
NOTES	None		

Re-arrange numbers into order using set rules. A chance of four game varieties.

NUMBER CHASER

MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£3.95	F'MT	Ca
SUP'R	ASK Ltd., London House, 68 Upper Richmond Road, London SW15.		
RET'R	AA		
NOTES	None		

A game toimprove estimating ability. Your vehicle is being chased by the computer; correct estimations get you ahead; wrorg ones make the car drop back. Four levels of difficulty. (Age 5-12).

OFFICIAL FROGGER

MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Rd., St. Austell, Cornwall.		
RET'R	AA		
NOTES	Joystick optional		

Guide the frog to his 'home', crossing the busy five-lane motorway, jumping the diving turtles and logs without falling into the river and avoiding the alligators.

DRAGON GAMES

OIL RECOVERY

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Premier Microsystems Ltd., 208 Croydon Road, Anerley, London.		
RET'R	AA		
NOTES	None		

An oil simulation — build pipelines, sell oil, buy oil, drive others into bankruptcy, etc.

PHANTOM SLAYER

MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Rd., St. Austell, Cornwall.		
RET'R	AA		
NOTES	None		

Enter the deadly catacombs and destroy the phantoms with your laser pistol and with the aid of your sound detector. Three-dimensional graphics.

PINBALL

MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Rd., St. Austell, Cornwall.		
RET'R	AA		
NOTES	Joystick optional		

Play pinball on the computer. Choice of three colour screens and three skill levels.

PIMANIA

MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£10	F'MT	Ca
SUP'R	Automata U.K. Ltd., 27 Highland Road, Portsmouth, Hants.		
RET'R	AA & others		
NOTES	Audio record on other side		

The adventure quest followed in over 40 countries by tens of thousand of 'Pimaniacs' seeking the genuine 'Golden Sundial of Pi' valued at £6,000. Humour, music, cartoons and lateral thinking.

PLANET INVASION

MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Rd., St. Austell, Cornwall.		
RET'R	AA		
NOTES	Joystick/s required		

You control a fighter aircraft, and are being constantly shot at by 'grabbers' who are trying to capture your Caloxin Crystals. Shoot the grabbers and catch the crystals.

PIRATE

MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£8.50	F'MT	Ca
SUP'R	Abrasco Ltd., The Grange Barn, Pikes End, Eastcote.		
RET'R	AA & others		
NOTES	None		

You are captain of a galleon whose brief is to free the seas from pirates. You can manoeure up to 4 leagues at a time.

PROGRAM PACK FIVE

MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Rd., St. Austell, Cornwall.		
RET'R	AA		
NOTES	Joystick/s required		

'Bag-it' — up to six players put items in bag then try to remember them. 'Bowling' — Up to four players. 'Conveyor Belt' — jump from one belt to another to reach the top. 'Crown and Anchor' — Place bets on any of six squares. 'Destroy' — Bomb killer subs avoiding killer mines. 'Diffuse' — Move through the maze diffusing bombs. 'Loony Lander' — One player controls the UFO which must prevent the other player landing his lunar module. 'Sound Analyser' — Musical notes become graphical. 'Stock Market' — Buy/sell shares on stock market then trade on the floor.

RETURN OF THE KLARZ

MEM	22K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Dungeon Software, Milton House, St. John Street, Ashbourne, Derbyshire.		
RET'R	AA		
NOTES	None		

Provides an adventure that ranges through the universe and history. The evil Klarz can only be defeated by boldness and cunning.

ROMAN EMPIRE

MEM	26K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	M.C. Lothlorien, 56a Park Lane, Poynton.		
RET'R	MZ & others		
NOTES	None		

War game with supporting map and graphics. Build legions into armies, and use these to subdue the Empire. Takes account of morale, fighting efficiencies, etc. Three levels of play.

ROMIK CUBE

MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	Romik Software Ltd., 272 Argyll Ave., Slough.		
RET'R	AA & others		
NOTES	None		

There are three different programmes on this cassette. The practice cube (normal), the time cube (where the faces of the cube change at intervals) which requires speed as well as accuracy. Finally there is the four dimensional cube where you work in the fourth dimension.

ROULETTE

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Premier Microsystems Ltd., 208 Croydon Rd., Anerley, London.		
RET'R	AA		
NOTES	None		

A full graphics version of this popular game. Machine acts as banker.

SAMURAI WARRIOR

MEM	26K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	M.C. Lothlorien, 56a Park Lane, Poynton.		
RET'R	MZ & others		
NOTES	None		

Adventure for children, with supporting graphics. As a Samurai you must defeat challenges from other Samurai, kill bandit groups, and seek to beat the points target. 7 levels of play.

SAS

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Peaksoft, 7 Hawthrone Cres., Burton-on-Trent.		
RET'R	AA & others		
NOTES	None		

Hi-Res action graphics. 9 minefields, helicopter gunships, percussion grenades, enemy patrols and bases, wire-guided missiles.

SCARFMAN

MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Rd., St. Austell, Cornwall.		
RET'R	AA		
NOTES	Joystick/s required		

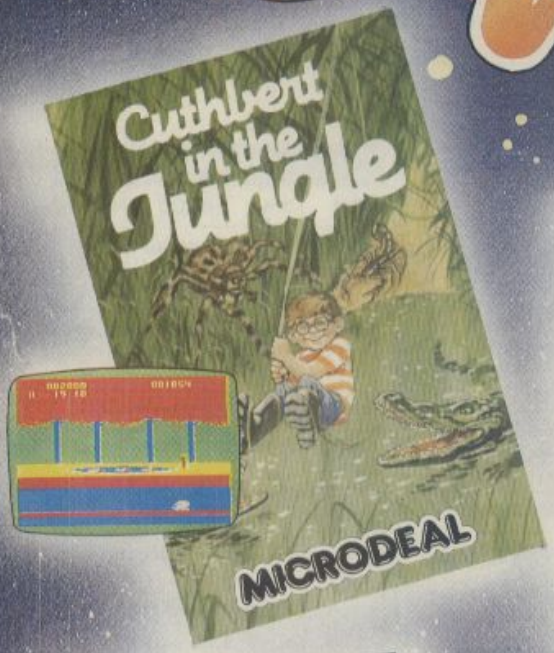
Race around the maze gobbling up all the blocks as the 'nasties' chase you. Eat a superdot and the 'nasties' run away, but this only lasts for a short time.

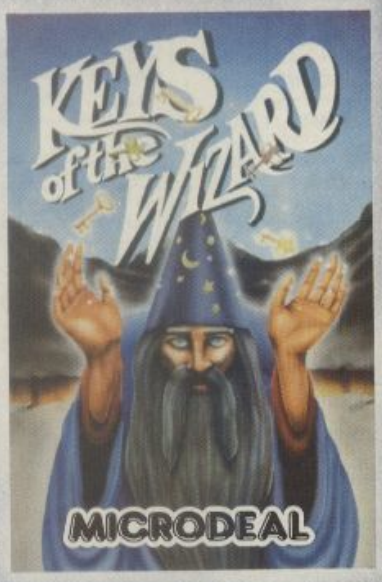
SEARCHWORD

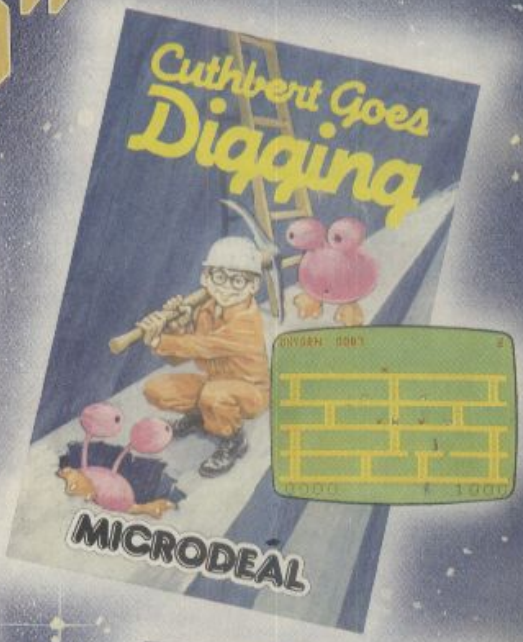
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Temptation Software Ltd., 27 Cinque Ports Street, Rye, Sussex.		
RET'R	AA		
NOTES	None		

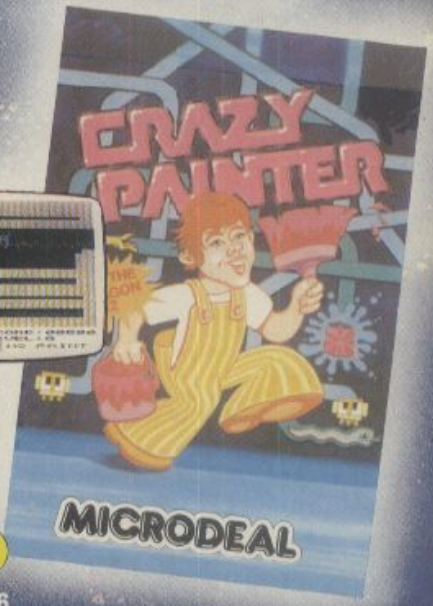
Create your own word puzzles. This program offers endless permutations. The computer will accept a list of words containing from 3 to 12 letters and conceal them within a letter grid. Program also includes two files and word save facility.

WHEN IT COMES TO DRAGON 32 Software "WE'VE GOT IT TAPED"









MICRODEAL

41 Truro Road, St. Austell, Cornwall PL25 5JE. Tel: 0726 3456

All cassettes £8 each

Selected titles available from larger branches of Boots, John Menzies, Spectrum, Computers for All and all good computer shops.

DRAGON GAMES

SIXTH SENSE			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Kent Computer Co., 3rd Floor, Allders of Bromley, High St., Bromley, Kent.		
RET'R	AA		
NOTES	None		

Sixth sense is a very advanced wholly logical text adventure game based on the unusual theme:- you begin as a totally blind man and your quest is to find the All Seeing Eye.

SKRAMBLE			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Rd., St. Austell, Cornwall.		
RET'R	AA		
NOTES	Joystick required		

Defeat the Skramble system to bomb the enemy headquarters, flying through the tunnel and maze avoiding the robots and radioactive dust clouds.

SKIER			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Computer Rentals Ltd, 140 Whitechapel Road, London.		
RET'R	AA		
NOTES	None		

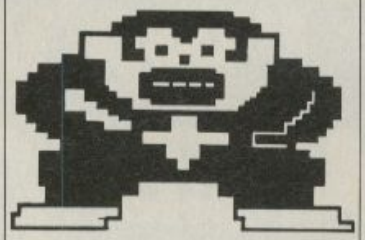
The program is a 3D perspective simulation of a skiers descent down a giant slalom run. Hazards include rocks & trees. The skier must pass through a series of slalom gates.

SOLITAIRE			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£3.95	F'MT	Ca
SUP'R	Premier Micrcsystems Ltd., 208 Croydon Rd., Anerley, London.		
RET'R	AA		
NOTES	None		

Standard peg board game.

SPACE FIGHTER			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Rd., St. Austell, Cornwall.		
RET'R	AA		
NOTES	Joystick required.		

The Universe has been threatened by fleet of Krugons which must be destroyed by the starship 'Endeavour', equipped with photon guided missiles and phasars.

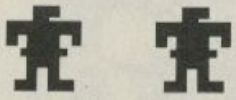


SPACE MONOPOLY			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Rd., St. Austell, Cornwall.		
RET'R	AA		
NOTES	None		

Start with rags on your back and end up with millions in the bank as you buy up and form space lanes and new companies. Two to four player game.

SPACE RAIDERS			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Rd., St. Austell, Cornwall.		
RET'R	AA		
NOTES	Joystick/s required		

Destroy the descending invaders before they reach your home base.



SPACE SHUTTLE			
MEM	32K	BAUD	1500
COL	N	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Rd., St. Austell, Cornwall.		
RET'R	AA		
NOTES	Joystick/s required		

Find and retrieve the module, then try and land you space shuttle successfully using the screen instruments.

STAR BASE ATTACK			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Premier Microsystems Ltd., 208 Croydon Road, Anerley, London SE20		
RET'R	AA		
NOTES	None		

Keep your life support systems operating while being attacked and infiltrated by aliens.

STARJAMMER			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Salamander Software, 17 Norfolk Road, Brighton, E. Sussex.		
RET'R	DX SC BO WP CA		
NOTES	1 joystick required.		

BASIC/machine code 'space chase' in 3D.

SPACE WAR			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Micrcdeal Ltd., 41 Truro Rd., St. Austell, Cornwall.		
RET'R	AA		
NOTES	Joystick/s required		

You commanc the remaining combat viper and must break through enemy fighters and defenses of the death star to win, by firing a photon torpedo through its one weak spot.

SPIDER			
MEM	32K	BAUD	Norm
COL	N	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Premier Microsystems Ltd., 208 Croydon Road, Anerley, London SE20		
RET'R	AA		
NOTES	None		

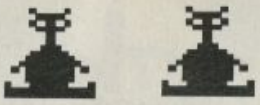
Be chased by a deadly female spider around a web until you are either caught or starve to death. A game of survival.

STARTREK			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	PSS, 452 Stoney Stanton Rd, Coventry.		
RET'R	EO MZ MI PM LA SM LS PC		
NOTES	None		

This version of the ever popular game of Star Trek puts you in command of the SS Enterprize during your fight with the evil Klingons.

STOCK EXCHANGE			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Premier Microsystems Ltd., 208 Croydon Road, Anerley, London SE20		
RET'R	AA		
NOTES	None		

Spend an evening with your friends manipulating shares on the Stock Exchange. Occasionally, you may visit the horse races too.



DRAGON GAMES

STORM			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Road, St. Austell, Cornwall.		
RET'R	AA		
NOTES	Joystick/s recuired.		

Destroy rainbow raiders through your tunnel vision port. Waves of them fly towards you while you control the firing sight around the edge of the screen, but beware the millibars.

STRATEGIC COMMAND			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	Romik Software Ltd., 272 Argyll Avenue, Slough.		
RET'R	AA and others		
NOTES	None		

A tactical war game for two players using task forces on land or at sea backed up by air power. The object is to overturn your opponent's capital city.

STRATEGY GAMES PACK			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Premier Microsystems Ltd., 208 Croydon Road, Anerley, London SE20		
RET'R	AA		
NOTES	None		

A pack of three fast games.

STRATEGY PACK TWO			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Premier Microsystems Ltd., 208 Croydon Road, Anerley, London SE20		
RET'R	AA		
NOTES	None		

Three games: Stay Alive, which is a maze game; Shuffle, an old favourite square puzzle; and Surround, you against the computer.

SULTAN'S MAZE			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Gem Software (B/S) Ltd., The Maltings, Station Road, Sawbridgeworth, Herts.		
RET'R	PC SC		
NOTES	None		

Enter the 3D maze in search of the Sultan's jewels. Your strength may run out, or, you may come face to face with the Mad Guardian! A multi-difficulty game.

SUPER FRUIT MACHINE			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£3.95	F'MT	Ca
SUP'R	Premier Microsystems Ltd., 208 Croydon Rd., Anerley, London.		
RET'R	AA		
NOTES	None		

One armed bandit waiting to take all your money away.

SUPERMIND			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£3.45	F'MT	Ca
SUP'R	Premier Microsystems Ltd., 208 Croydon Road, Anerley, London.		
RET'R	AA		
NOTES	None		

Guess the hidden colour code in less than 12 moves.

SUPER SKILL HANGMAN			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Salamander Software, 17 Norfolk Road, Brighton, East Sussex.		
RET'R	DX SC BO WP CA		
NOTES	None		

A vocabulary of over one thousand words, three levels of difficulty and an optional timer makes this a challenge for kids of all ages. Full Hi-res graphics and sound.

SUPER WORD SQUARE			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Premier Microsystems Ltd., 208 Croydon Rd., Anerley, London.		
RET'R	AA		
NOTES	None		

Contains a library of over 40 words, square puzzles, plus facilities for creating your own. Can be output to printer.

SURROUND			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£3.95	F'MT	Ca
SUP'R	Premier Microsystems Ltd., 208 Croydon Rd., Anerley, London.		
RET'R	AA		
NOTES	None		

Surround it before it surrounds you.

SWITCHBACK			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Premier Microsystems Ltd., 208 Croydon Road, Anerley, London SE20		
RET'R	AA		
NOTES	None		

The age old Othello game brought up to date. You against the computer.

TALKING ANDROID ATTACK			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Road, St. Austell, Cornwall.		
RET'R	AA		
NOTES	Joystick/s required.		

At the start of each frame the computer warns of 'Intruder Alert'. Stay and fight or run to the nearest doorway and be called a 'Coward'.

TEMPLE OF ZOREN			
MEM	22K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Dungeon Software, Milton House, St. John Street, Ashbourne, Derbyshire.		
RET'R	AA		
NOTES	None		

SF adventure, involving an espionage mission to an alien planet. Designed for intermediate grade players.

THE KING			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Road, St. Austell, Cornwall.		
RET'R	AA		
NOTES	Joystick/s required		

Save the maiden from the gorilla by racing along ramps, jumping and/or avoiding barrels, climbing ladders and outrunning killer flames.

DRAGON GAMES

TIME MAZE			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Premier Microsystems Ltd., 208 Croydon Rd., Anerley, London.		
RET'R	AA		
NOTES	None		

Get through the maze in the time or move allowed.

TRACE RACE			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£8.75	F'MT	Ca
SUP'R	Cable Software, PSL Marketing, Cape House, 52 Limsury Rd., Luton, Beds.		
RET'R	AA		
NOTES	2 player option on one side (needs 2 joysticks). Single player game on reverse (needs 1 joystick)		

Two players compete by driving their light-cycle around the grid system attempting to force the opponent into the grid walls or into a trace line left in the trail of the bikes.

TREASURE TOMBE			
MEM	22K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Dungeon Software, Milton House, St. John St., Ashbourne, Derbys.		
RET'R	AA		
NOTES	None		

A real-time graphics adventure, involving the exploration of Merlin's 90-chamber tomb complex in search of Arthur's treasure. 48 monsters and magi to defeat, besides fire and flood!

TYRANT OF ATHENS			
MEM	25K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	M.C. Lothlcrien, 56a Park Lane, Poynton.		
RET'R	MZ & others		
NOTES	Instruction booklet enclosed		

Adventure war game in which you must rule Athens, build armies and ships and defeat your enemies. Text and graphics including maps. Succeed or be ousted by your people.

"UGH!"			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Softek Internationl Ltd., 12/13 Henr etta St., Covent Garden, London.		
RET'R	AA		
NOTES	None		

This machine-code game involves you as a caveman doing battle with Pterry the Pterodactyl and Rex the Dinosaur! Good graphics for the Dragon 32.

ULTIMATE ADVENTURE			
MEM	32K	BAUD	1500
COL	N	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Road, St. Austell, Cornwall.		
RET'R	AA		
NOTES	None		

Start with $250 at a traditional market, purchasing items necessary to assist with adventuring to find the treasures. Goal is to accumulate $1000 and return to the market.

ULTRAPEDE			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Softek International Ltd., 12/13 Henrietta Street, Covent Garden, London WC2.		
RET'R	AA		
NOTES	None		

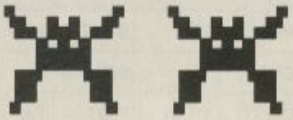
Version of the arcade game. Zap the Ultrapede before he reaches you, but watch out for the spiders and lethal snails! Graphics, four-colour screen and sound.

UXB			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Virgin Games Ltd., 61/63 Portabellow Road, London W11.		
RET'R	SM BO MZ DX GA PM AA		
NOTES	None		

Player must defuse an old war-time bomb using six items from tools available.

VULCAN NOUGHTS & CROSSES			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Salamander Software, 17 Norfolk Road, Brighton, E. Sussex.		
RET'R	DX SC BO QP CA		
NOTES	None		

A three dimensional game of noughts and crosses for one or two players. It also includes a zero player option, where the machine plays itself.



VULTURES			
MEM	32K	BAUD	1500
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	J. Morrison (Micros) Ltd., 2 Glensdale Street, Leeds.		
RET'R	LY DR GM JA NO PS SR WL		
NOTES	Requires joystick.		

Machine code, hi-res. graphics, 'Galaxian' type game. Kill the vultures as they swoop towards you. Eggs hatch intp 'super vultures' which change colour. Selectable speed. Score, high score displayed.

WARLORD			
MEM	26K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	M.C. Lothlorien, 56a Park Lane, Poynton.		
RET'R	MZ & others		
NOTES	Ins:ruction booklet inc uded		

Adventure war game. Rule a Japanese village, feed your villagers, hire mercenaries and attack pirates at sea. Leadership challenges if cannot defeat Samurai. Supporting maps, graphics. Three levels of play.

WHITE CRYSTAL			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	Romik Software Ltd., 272 Argyll Ave., Slough.		
RET'R	AA & others		
NOTES	None		

A purely graphic adventure game. On another world ten thousand years before man, there lived a race of gentle wizards known as the Karn, whose power came from the white crystal.

WILLIAMSBURG ADVENTURE			
MEM	32K	BAUD	1500
COL	N	SOUND	N
COST	£8.00	F'MT	Ca
SUP'R	Microdeal Ltd., 41 Truro Rd., St. Austell, Cornwall.		
RET'R	AA		
NOTES	None		

Walk the streets of Williamsburg and try and find the Golden Horshoe, but beware of evil spirits and the ghost of Bruton Parish and getting lost in the maze.

WIZARD WAR			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Salamander Software, 17 Norfolk Road, Brighton, East Sussex.		
RET'R	DX SC BO MZ WP CA		
NOTES	Two joysticks reqd.		

You are a wizard engaged in tests of strength against other wizards. 24 spells to choose from.

ORIC-1 GAMES

ACHERON'S RAGE			
MEM	48K	BAUD	Both
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Softek International Ltd., 12/13 Henrietta Street, Covent Garden, London WC2		
RET'R	AA		
NOTES	None		

I find myself enclosed by forcefields, warships of Gor materialising from nowhere! All action game with smooth hi-res graphics, twelve different alien types and nine levels of play!

AIRLINE			
MEM	48K	BAUD	Both
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	C.C.S. Ltd., 14 Langton Way, London SE3.		
RET'R	AA		
NOTES	None		

Compete with British Airways! Decide on number of aircraft and whether to buy or charter, levels of staffing and maintenance. Problems encountered — tax demands, strikes, cancelled flights, hijacks and crashes.

ASTEROIDS			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Arctic Computing Ltd., Main St., Bransburton, Driffield, N. Humbersice.		
RET'R	SM BO GE		
NOTES	None		

You have found yourself adrift in an asteroid belt. To survive you must blast the asteroids into powder with your laser gun.

CANDYFLOSS/HANGMAN			
MEM	48K	BAUD	2400
COL	Y	SOUND	Y
COST	£7.50	F'MT	Ca
SUP'R	IJK Software Ltd., 9 King Street, Blackpool, Lancs.		
RET'R	AA SM LA SC CA BO MZ		
NOTES	None		

Candyfloss: test your business skills running a candyfloss stall in Blackpool, but watch the weather and donkeys! Hangman: the hi-res animated man's expression changes as the rope tightens. Contains many categories from educational to just plain fun.

CENTIPEDE 16K			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	SS, 452 Stoney Stanton Road, Coventry.		
RET'R	BO MZ MI PM LA SM LS DC		
NOTES	None		

You are caught in a vicious jungle. Centipedes attack you from all sides. Killer fleas drop from the sky, and to top things off there's a venemous spider lurking around.

CHAMPIONS!			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Peaksoft, 7 Hawthorn Crescent, Burton-on-Trent.		
RET'R	AA and others		
NOTES	None		

Football management game. Take your club from the 4th Division to the European Cup. Four divisions, promotion, relegation, transfers, weekly results and league tables, injuries, suspensions, etc.

CHESS			
MEM	48K	BAUD	Both
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	Tansoft Ltd., Units 182, Techno Park, Newmarket Road, Cambridge.		
RET'R	AA		
NOTES	None		

With five skil levels.

CHICKEN!			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Durell Software, Castle Lodge, Castle Green, Trunton.		
RET'R	AA and others		
NOTES	None		

CUBE CRAZY			
MEM	48K	BAUD	Both
COL	Y	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Oric Software Dept., Tomorrows World, 118 Worcester Road, Malvern. Worcs.		
RET'R	AA and others		
NOTES	None		

A program to simulate 'Rubik's Cube' and 'Rubic's Revenge', 98 individual cubes (usually 26 or 57 cubes) with colourful use of graphics.

DALLAS			
MEM	48K	BAUD	Both
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	C.C.S. Ltd., 14 Langton Way, London SE3.		
RET'R	AA		
NOTES	None		

A game of oil exploration and exploitation in Texas. Decisions required on purchasing concessions, movement and use of drilling rigs and building of platforms and pipelines.

DEFENCE FORCE			
MEM	48K	BAUD	Both
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Tansoft Ltd., Units 182, Techno Park, Newmarket Road, Cambridge.		
RET'R	AA		
NOTES	None		

Pilot your space-craft through hostile territory and fight off the enemy coming at you from both sides.

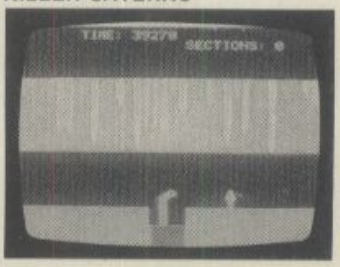
DINKY KONG			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Severn Software, 5 School Crescent, Lydney, Glos.		
RET'R	AA LA SM and others		
NOTES	None		

A Kong-type arcade game. Features: skill levels colour, sound, platforms, hearts, ladders, umbrellas, barrels, hall of fame.

DRACULA'S REVENGE			
MEM	48K	BAUD	Both
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Softek International Ltd., 12/13 Henrietta Street, Covent Garden, London WC2.		
RET'R	AA		
NOTES	None		

As fearless Friar Freddy, you receive the Papel edict to sanctify all of Dracula's castles in Transylvania. You must face his hoards of werewolves, ghosts and vampires. With smooth graphics.

KILLER CAVERNS



ORIC-1

GAMES

FANTASY QUEST			
MEM	48K	BAUD	2400
COL	Y	SOUND	Y
COST	£6.50	F'MT	Ca
SUP'R	IJK Software Ltd., 9 King Street, Blackpool, Lancs.		
RET'R	AA LA SC CA BO MZ		
NOTES	None		

Find and take the four sectors of the eye of Morpheus to eternal fires of hell. To succeed in this, you must take these treasures and escape by the exit.

FLIGHT			
MEM	48K	BAUD	Both
COL	Y	SOUND	Y
COST	£4.50	F'MT	Ca
SUP'R	Tansoft Ltd., Units 1 & 2, Techno Park, Newmarket Road, Cambridge.		
RET'R	AA		
NOTES	None		

Land your plane without stalling, crashing or running out of fuel.

FRANKLIN'S TOMB			
MEM	48K	BAUD	2400
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Salamander Software, 17 Norfolk Road, Brighton, E. Sussex.		
RET'R	DX SC WP CA		
NOTES	None		

Franklin's Tomb is an adventure for one player. Can you as Dan Diamond solve the riddle of the crypt.

GALAXIANS			
MEM	48K	BAUD	Both
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Softek International Ltd., 12/13 Henrietta Street, Covent Garden, London WC2.		
RET'R	AA		
NOTES	None		

Fast machine code with high resolution multi-coloured graphics. Your task is to blast wave after wave of attacking alien craft as they swoop down towards you.

GALAXY – 5			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Durell Software, Castle Lodge, Castle Green, Taunton.		
RET'R	AA and others		
NOTES	None		

GAMES COMPENDIUM 01			
MEM	48K	BAUD	2400
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Salamander Software, 17 Norfolk Road, Brighton, E. Sussex.		
RET'R	DX SC CA		
NOTES	Four games on one tape.		

Donkey Derby: a day at the races. Kingdom: you have been elected absolute ruler of El Lagunda; with only four faithful but cantankerous M5 Multitronic units to aid you, can you guide your nation on a steady course! Viper: your snake starts out small, but eat the numbers that appear and watch it grow! Space Station: hanging in the dark void, the space station landing bay at last appears on your scanners. Your fuel is low and meteors have been reported in the area.

GRAIL			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Severn Software, 5 School Crescent, Lydney, Glox.		
RET'R	AA LA and others		
NOTES	None		

A graphic/text adventure game. Seek the Holy Grail in the castle. Perilous fighting various monsters by gathering weapons and armour. Sell treasure to trader in exchange for strength potions.

HARRIER ATTACK			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Durell Software, Castle Lodge, Castle Green, Taunton.		
RET'R	AA and others		
NOTES	none		

HOPPER			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	PSS 452 Stoney Stanton Road, Coventry.		
RET'R	BO MZ MI PM LA SM LS PC		
NOTES	None		

Help Fergus and friends across the highway avoiding the traffic, and then over the trecherous river on the backs of turtles and logs to the safety of the lily pond.

HOUSE OF DEATH			
MEM	48K	BAUD	Both
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	Tansoft Ltd., Units 1 & 2, Techno Park, Newmarket Road, Cambridge.		
RET'R	AA		
NOTES	None		

A follow-up to Zodiac. Discover the secrets of the haunted house, avoid the witch and the axe murderer and come away with the treasures.

INVADERS			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	PSS 452 Stoney Stanton Road, Coventry.		
RET'R	BO MZ MI PM LA SM LS PC		
NOTES	None		

The classic arcade game. Includes all the features of the original, and more.

INVADERS			
MEM	16K	BAUD	2400
COL	Y	SOUND	Y
COST	£7.50	F'MT	Ca
SUP'R	IJK Software Ltd., 9 King Street, Blackpool, Lancs.		
RET'R	SM LA SC CA BO MZ AA		
NOTES	None		

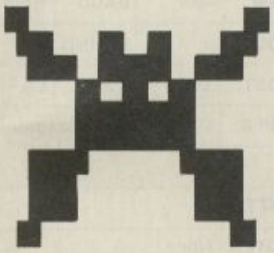
This m/c game includes smooth action, walking invaders, increasing speed, and options for choice of missile speed, bomb speed, invader speed, invisible invaders and overall game difficulty.

JERICO 2			
MEM	48K	BAUD	Both
COL	Y	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Elephant Software, 41 Hayhill Road, Burnham, Berks.		
RET'R	AA and others		
NOTES	None		

An interactive text adventure set around the walls of Jerico, your prize the long lost H.

JOGGER			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Severn Software, 5 School Crescent, Lydney, Glos.		
RET'R	AA LA and others		
NOTES	None		

A frogger-type arcade game. Help your Jogger cross avoiding the traffic. Hop across the river on logs and crocs. Features skill levels, m/c, hall of fame, colour graphics and sound.



JOHNNY REB			
MEM	48K	BAUD	Both
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	M. C. Lothlorien, 56a Park Lane, Poynton. SK12 1AE.		
RET'R	MZ and others		
NOTES	None		

Graphics war game set in American Civil War. For one or two players. Select cavalry, infantry and artillery and capture enemy flag. Plays differently each time. Variable sizes of forces.

JUNGLE TROUBLE			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Durell Software, Castle Locge, Castle Green, Taunton.		
RET'R	AA and others		
NOTES	None		

ORIC-1

GAMES

KILLER CAVERNS			
MEM	16K	BAUD	2400
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Virgin Games Ltd., 61/63 Portobellow Road, London W11.		
RET'R	AA SM BO MZ DX GA PM		
NOTES	None		

A graphic adventure game set in caverns, involves hidden treasure. Sections of a ladder must be used in the search.

LIGHT CYCLE			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	PSS, 452 Stoney Stanton Road, Coventry.		
RET'R	BO MZ MI PM LA SM LS PC		
NOTES	None		

Race your Light Cycle against the computer or another player on the trecherous grid. Features: super fast Light Cycles, laser trails, rom towers, sound effects, variable speeds.

LOCH-NESS MONSTER			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.99	F'MT	Ca
SUP'R	Romik Software Ltd., 272 Argyll Avenue, Slough.		
RET'R	AA and others		
NOTES	None		

The once legendary monster has evolved into a dangerous self-reproducing species. Control their population by harpooning them. Beware, they are waiting to sample their favourite food . . . you!

LONE RAIDER			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Severn Software, 5 School Crescent, Lydney, Glos.		
RET'R	AA LA and others		
NOTES	None		

A scramble-type arcade game featuring skill levels, several screens, colour, sound, graphics, radar trackers, meteors, missiles, underwater monsters and a surprise ending.

MINES OF SATURN/RETURN TO EARTH			
MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Mikro-Gen, 24 Agar Crescent, Bracknell, Berks.		
RET'R	AA'		
NOTES	None		

Mines of Saturn: on orbit of Saturn, you make a forced anding and you set off in search of crystals to refuel. Return to Earth: you reach Earth Station 1, but find it deserted; explore the station and find some way to alert Earth.

MORIA			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Severn Software, 5 School Crescent, Lydney, Glox.		
RET'R	AA LA and others		
NOTES	None		

A graphic/text adventure set in the Mines of Miroa. Seek Durins Ring by fighting various monsters; unless you find the ring you will never leave the mines.

MR. HUNCHY			
MEM	Unex	BAUD	Both
COL		SOUND	N
COST	£6.90	F'MT	Ca
SUP'R	Ocean Software Ltd., Ralli Buildings, Stanley Street, Manchester 3.		
RET'R	SM BO MZ RU WO LA		
NOTES	None		

The hunchback has to rescue Esmaralda. Avoiding fireballs, arrows, guards and other hazards. 16 different screens.

MULTIGAMES 1			
MEM	48K	BAUD	Both
COL	Y	SOUND	Y
COST	£6.90	F'MT	Ca
SUP'R	Tansoft Ltd., Units 1 & 2, Techno Park, Newmarket Road, Cambridge.		
RET'R	AA		
NOTES	None		

A compilation of five short games comprising One Arrred Bandit, Projectiles, Colour-Match, Reversi (Othello) and Quest (a short adventure).

MULTIGAMES 2			
MEM	48K	BAUD	Both
COL	Y	SOUND	Y
COST	£6.90	F'MT	Ca
SUP'R	Tansoft Ltd., Units 1 & 2, Techno Park, Newmarket Road, Cambridge.		
RET'R	AA		
NOTES	None		

Five games comprising Hangman, Lunar Lander, Substrike, Racer and 3D Link 4.

ORIC MUNCH			
MEM	16K	BAUD	Both
COL	Y	OUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Tansoft Ltd., Units 1 & 2, Techno Park, Newmarket Road, Cambridge.		
RET'R	AA		
NOTES	None		

Munch the monsters and eat the power pills. The maze must be cleared to reach the high score.

ORIC TREK			
MEM	48K	BAUD	2400
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Salamander Software, 17 Norfolk Road, Brighton, E. Sussex.		
RET'R	DX MZ SC QP CA		
NOTES	None		

A real time version of the classic space game, based on our number one best seller, Dragon Trek. Comes complete with comprehensive flight manual.

PARAGRAM			
MEM	48K	BAUD	Both
OL	Y	SOUND	N
COST	£6.00	F'MT	Ca
SUP'R	Elephant Software, 41 Haymill Road, Burnham, Berks.		
RET'R	AA and others		
NOTES	None		

The board is a grid of sixteen letters of the alphabet, randomly arranged into a square. Unlike the Cube Paragram has no guarantee that it can be solved.

RAT-SPLAT			
MEM	48K	BAUD	Both
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Tansoft Ltd., Units 1 & 2, Techno Park, Newmarket Road, Cambridge.		
RET'R	AA		
NOTES	None		

Chase the rats down the sewers, splat them with your hammer, spray the monsters with your aerosol can, and rescue the cheese.

REVERSE			
MEM	48K	BAUD	2400
COL	Y	SOUND	Y
COST	£6.50	F'MT	Ca
SUP'R	IJK Software Ltd., 9 King Street, Blackpool, Lancs.		
RET'R	AA SM LA SC CA BO MZ		
NOTES	None		

A versatile rendition of the popular board game. Very fast and powerful, with skill levels from beginner to expert. This includes detailed instructions and a self-play demonstration.

RINGO			
MEM	48K	BAUD	Both
COL	Y	SOUND	Y
COST	£6.50	F'MT	Ca
SUP'R	Elephant Software, 41 Haymill Road, Burnham, Berks.		
RET'R	AA and others		
NOTES	None		

A colourful puzzle which once started must be continued or you'll never know that everyone else knows.

ROAD FROG			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£6.90	F'MT	Ca
SUP'R	Ocean Software Ltd., Ralli Buildings, Stanley Street, M/C 3.		
RET'R	SM BO MZ RU WO LA		
NOTES	None		

Guide your frogs across the road to safety avoiding moving crocodiles, trucks and other hazards.

ORIC-1

GAMES

SCUBA DIVE			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Durell Software, Castle Lodge, Castle Green, Taunton.		
RET'R	AA and others		
NOTES	None		

SPACE-MAZE			
MEM	48K	BAUD	Both
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Oric Software Dept., Tomorrows World, 118 Worcester Road, Malvern. Worcs.		
RET'R	AA and others		
NOTES	None		

You have just boarded an enemy space ship, your mission is to reach the control room, set explosives and escape in an escape pod, negotiating many different hazards en route.

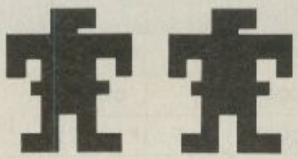
STARFIGHTER			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Durell Software, Castle Lodge, Castle Green, Taunton.		
RET'R	AA and other		
NOTES	None		

SUPER-ADVANCED BREAKOUT			
MEM	16K	AUD	Both
COL	Y	SOUND	Y
COST	£4.50	F'MT	Ca
SUP'R	Tansoft Ltd., Urits 1 & 2, Techno Park, Newmarket Road, Cambridge.		
RET'R	AA		
NOTES	None		

Arcade game featuring normal and progressive modes and selectable skill levels.

SUPER METEORS			
MEM	48K	BAUD	Both
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Softek International Ltd., 12/13 Henrietta Street, Covent Garden, London WC2		
RET'R	AA		
NOTES	None		

A version of 'Deluxe Asteroids' with hi-res graphics and sound effects.



TERMINATOR			
MEM	1K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.50	F'MT	Ca
SUP'R	Impact Software, 70 Redford Avenue, Edinburgh.		
RET'R	AA and others		
NOTES	None		

TEVROG'S KINGDOM/QUEST FOR POWER			
MEM	48K	BAUD	Both
COL	Y	SOUND	Y
COST	£9.9	F'MT	Ca
SUP'R	Cable Software, PSL Marketing, Cape House, 52 Limbury Road, Luton, Beds.		
RET'R	AA		
NOTES	Double cassette pack.		

Tevrog's Kingdom — a real time major adventure program, uses all available memory due to the complexity of its programming. Quest for Power — a mini adventure which can be played when a limited time is available, the player needs to move through a cave system avoiding the trolls and other inhabitants.

THE GAUNTLET			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	PSS 452 Stoney Standin Road, Coventry.		
RET'R	BO MZ MI PM LA SM LS PC		
NOTES	None		

Mission: fly the fighter low over the surface of the planet avoiding the radar, and take it deep into the core of the planet to the main thermo nuclear reactor.

THE HOBBIT			
MEM	48K	BAUD	Both
COL	Y	SOUND	Y
COST	£14.95	F'MT	Ca
SUP'R	Melbourne House, 224 Stanley Road, Teddington, Middlesex.		
RET'R	AA		
NOTES	None		

Based on J.R.R. Tolkien's book 'The Hobbit' (included). A text and graphics adventure.

THE ULTRA			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	PSS 452 Stoney Standin Road, Coventry.		
RET'R	BO MZ MI PM LA SM LS PC		
NOTES	None		

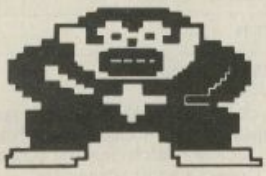
Pure arcade game. Features: Laser base, 16 different screens, colour, variable sound levels, bonus points, hi-score table, pause button, hyper space jump, superb explosions.

TWO GUN TURTLE			
MEM	48K	BAUD	Both
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	M.C. Lothlorien 56a Park Lane, Poynton.		
RET'R	MZ & others		
NOTES	None		

100 per cent m/c game. Turtle must protect his stawberry crop over the winter against animals and other creatures. Points for destroying attackers, bonus for catching snowflakes. High score record, four lives.

ULTIMA ZONE			
MEM	48K	BAUD	Both
COL	Y	SOUND	Y
COST	£8.50	F'MT	Ca
SUP'R	Tansoft Ltd., Units 1 & 2, Cambridge Technopark, Newmarket Rd., Cambridge		
RET'R	AA		
NOTES	None		

A machine code space trilogy. Shoot the Walkons, avoid the bouncing Brines and battle your way through the satellite zone.



VANQUISHER			
MEM	48K	BAUD	Both
COL	Y	SOUND	Y
COST	£6.50	F'MT	Ca
SUP'R	Elephant Software, 41 Haymill Rd., Burnham, Berks.		
RET'R	A & others		
NOTES	None		

A siding contains all the letters of the word Vanquisher. As Station Master of Vanquisher Junction, you use the tracks to rearrange, the letters into the correct order.

WARLORD			
MEM	48K	BAUD	Both
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	M.C. Lothlorien, 56a Park Lane, Poynton.		
RET'R	MZ & others		
NOTES	None		

Adventure war game. Rule a Japanese village, feed your villagers, hire mercenaries and attack pirates. Leadership challenges if cannot defeat Samurai. Full supporting maps and graphics. Three levels of play.

XENON-1			
MEM	48K	BAUD	2400
COL	Y	SOUND	Y
COST	£8.50	F'MT	Ca
SUP'R	IJK Software Ltd., 9 King St., Blackpool, Lancs.		
RET'R	AA SM LA SC CA BO MZ		
NOTES	None		

Your mission is to protect Radon from the Zorgon Battle Star. En route to Radon you must destroy the Aards, meteorite showers, paratrons and skillfully re-fuel.

ZODIAC			
MEM	48K	BAUD	Both
COL	Y	OUND	Y
COST	£9.99	F'MT	Ca
SUP'R	Tansoft Ltd., Units 1 & 2, Techno Park, Newmarket Rd., Cambridge		
RET'R	AA		
NOTES	None		

Discover the twelve disguise signs of the zodiac which will lead you to six treasures. Full of puzzles, puns and misleading clues.

ORIC-1

BUSINESS

AUTHOR			
MEM	48K	BAUD	Both
COL	Y	SOUND	Y
COST	£14.50	F'MT	Ca
SUP'R	Tansoft Ltd., Units 1 & 2, Techno Park, Newmarket Rd., Cambridge.		
RET'R	AA		
NOTES	None		

A word processor program which includes word-wrap and word count. Suitable for reports or letters. Full control may be exercised over tabs and centring.

DATABASE			
MEM	Unex.	BAUD	300
COL	Y	SOUND	N
COST	£19.95	F'MT	Ca/D
SUP'R	Gemini Marketing Ltd., 18a Littleham Rd., Exmouth, Devon.		
RET'R	AA		
NOTES	Disc £23.95		

Database Management System, stores information in a card index format.

ORICBASE			
MEM	48K	BAUD	Both
COL	Y	SOUND	Y
COST	£14.50	F'MT	Ca
SUP'R	Tansoft Ltd., Units 1 & 2, Techno Park, Newmarket Rd., Cambridge.		
RET'R	AA		
NOTES	None		

A database system which allows you to search and sort your data, keep running totals and print reports.

ORIC-CALC			
MEM	48K	BAUD	Both
COL	Y	SOUND	Y
COST	£14.50	F'MT	Ca
SUP'R	Tansoft Ltd., Units 1 & 2, Techno Park, Newmarket Rd., Cambridge.		
RET'R	AA		
NOTES	None		

A spreadsheet program. Allows you to enter data, sum columns or rows of data and apply complex formula.

SPREAD SHEET ANALYSIS			
MEM	Unex.	BAUD	300
COL	Y	SOUND	N
COST	£19.95	F'MT	Ca/D
SUP'R	Gemini Marketing Ltd., 18a Littleham Rd., Exmouth, Devon.		
RET'R	AA		
NOTES	Disc £23.95		

Spread sheet processor with on screen amendment facility, compatible with Gemini graphplot.

WORD PROCESSOR			
MEM	48K	BAUD	300
COL	Y	SOUND	Y
OST	£17.25	F'MT	Ca
SUP'R	Juniper Computing, 8 Pembroke Green, Lea, Malmesbury, Wilts.		
RET'R	AA OS PC & others		
NOTES	Requires printer		

Menu/cursor driven w.p. Main menu options include create/edit/save/retrieve/print/tapeprint. Edit functions include tab, character & bulk delete. Print functions includ auto-justify. Works with any printer.

ORIC-1

EDUCATION

BESIEGED			
MEM	32K	BAUD	Both
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca/D
SUP'R	Sulis Software Ltd., 4 Church St., Abbey Green, Bath.		
RET'R	JO		
NOTES	None		

A difficult spelling game. You are given a definition and clue; if the answer is right, a Knight rides into the castle, if wrong, the infidels get you.

GALAXY-5			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Durell Software, Castle Lodge, Castle Green, Taunton.		
RET'R	AA & others		
NOTES	None		

JUST A MOT			
MEM	32K	BAUD	Both
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca/D
SUP'R	Sulis Software Ltd., 4 Church St., Abbey Green, Bath.		
RET'R	JO		
NOTES	None		

Learn over 500 useful French words — for travel, food and drink, shopping, essentials. Work from English into French, or vice-versa. Choice of games or key-an answers.

WORDPOWER			
MEM	32K	BAUD	Both
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Sulis Software Ltd., 4 Church St., Abbey Green, Bath.		
RET'R	JO		
NOTES	None		

Two games and a key-in option to improve your knowledge of 1200 words — choose from opposites, synonyns, nouns/adjectives, collectives, similes. Improves vocabulary and spelling.

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TANSOFT

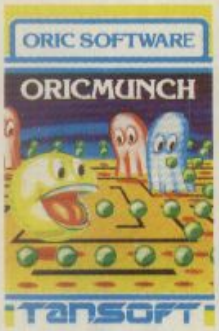
Unit 1 & 2, Techno Park, Newmarket Road, Cambridge

Tansoft

ORIC Software

ORIC-MON
Includes mnemonic assembler/disassembler, block move and verify, data and text entry and cassette and printer handling. Includes manual. **£15.0** inc. VAT – **16K** or **48K**

ORICMUNCH
Munch the Bugmonsters and eat the power pills, clear the maze to reach the high score. **£7.95** inc. VAT – **16K** or **48K**.



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An impressive follow-up to Zodiac, discover the secrets of the haunted house, avoid the witch and the axe murderer and come away with incredible treasures. **£9.99** inc. VAT – **48K**.

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German
French

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ORIC-1

UTILITY-MISC

ASSEMBLER/DISASSEMBLER			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Durell Software, Castle Lodge, Castle Green, Taunton.		
RET'R	AA & others		
NOTES	48K version available at same price		

BIORHYTHMS			
MEM	48K	BAUD	Both
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Oric Software Dept. Tomorrows World, 118 Worcester Rd., Malvern, Worcs.		
RET'R	AA & others		
NOTES	None		

This allows you to enter your birth data and it calculates your critical days for the emotional, intelectual and physical biorhythms, presenting them graphicaly for any month.

FORTH			
MEM	48K	BAUD	Both
COL	Y	SOUND	Y
COST	£15.00	F'MT	Ca
SUP'R	Tansoft Ltd., Units 1 & 2, Techno Park, Newmarket Rd., Cambridge.		
RET'R	AA		
NOTES	None		

Computer language. Includes editor and assembler plus language extensions.

NOWOTNIK PUZZLE			
MEM	48K	BAUD	Both
COL	Y	SOUND	Y
COST	£6.90	F'MT	Ca
SUP'R	Tansoft Ltd., Units 1 & 2, Techno Park, Newmarket Rd., Cambridge.		
RET'R	AA		
NOTES	None		

The Rubik Cube of the screen. Move the cloured blocks to solve the puzzle.

LANGUAGE MASTERCLASS			
MEM	48K	BAUD	Both
COL	Y	SOUND	Y
COST	£12.95	F'MT	Ca
SUP'R	Tansoft Ltd., Units 1 & 2, Techno Park, Newmarket Rd., Cambridge.		
RET'R	AA		
NOTES	None		

If you are going abroad these courses will give you a basic understnading of the language. Spanish, Italian, German or French supplied with program cassette and spoken vocabulary pronunciation cassete. Price for each language.

ORICADE			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£8.50	F'MT	Ca
SUP'R	Severn Software, 5 School Crescent, Lydney, Glou.		
RET'R	AA LA & others		
NOTES	None		

Assembler/disassembler/editor. Handles full 6502 mnemonics, features save & reload m/c. Assembles & disassembles at any address, menu-driven.

ORIC CAD			
MEM	48K	BAUD	Both
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	Tansoft Ltd., Units 1 & 2, Techno Park, Newmarket Rd., Cambrdge.		
RET'R	AA		
NOTES	None		

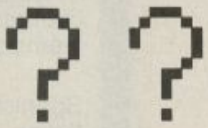
Computer aided design. Display an object on the screen and then enlarge, rotate or shade it in. Will work with the Oric Printer.

ORICMON			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£8.95	F'MT	Ca
SUP'R	PSS, 452 Stoney Stanton Td., Coventry.		
RET'R	BO MZ MI PM LA SM LS PC		
NOTES	None		

A complete disassembler and monitor to take the strain off your assembly language programming. Contains all the features of professional monitors found on much larger and more expensive machines.

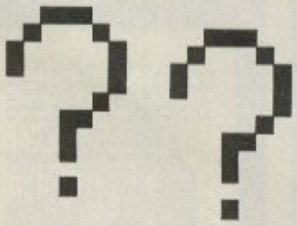
ORIC-MON			
MEM	48K	BAUD	Both
COL	Y	SOUND	Y
COST	£15.00	F'MT	Ca
SUP'R	Tansoft Ltd., Units 1 & 2, Techno Park, Newmarket Rd., Cambridge.		
ET'R	AA		
NOTES	None		

Machine code monitor. Incorporating mnemonic assembler/dissembler, block move and verify, data and text entry, and full machine code cassette and printer handling.



ORION ASSEMBLER/ DISASSEMBLER			
MEM	Unex.	BAUD	Both
COL	N	SOUND	N
COST	£12.95	F'MT	Ca
SUP'R	M.C. Lothlorien, 56a Park Lane, Poynton.		
RET'R	MZ & others		
NOTES	None		

100 per cent machine code, handles labels and all mnemonics. Complete with full monitor and debugging facilities, break point, single-step execution, memory search, register and memory display, etc. Comprehensive manual.



SYNTHESIZER			
MEM	48K	BAUD	Both
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Oric Software Dept. Tomorrows World, 118 Worcester Rd., Malvern, Worcs.		
RET'R	AA & others		
NOTES	None		

This allows you to create your own sounds and musical notes and to play them back at varying speeds. Also giving you the option of saving the sounds for reloading.

ORIC-1

HOME-PERSONAL

PERSONAL FINANCE MANAGER			
MEM	48K	BAUD	300
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	Juniper Computing, 8 Pembroke Green, Lea, Malmesbury, Wilts.		
RET'R	AA		
NOTES	Printer optional		

A genera purpose double entry ledger system consisting of three programs. Features include user-definable data lengths, on screen or printed reports, monthly budget.

Dragon Dungeon

QUALITY SOFTWARE FOR THE DRAGON 32

GIANT'S CASTLE £5.95

by MIKE MEINECK

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An Intermediate Level S.F. Adventure

Previous agents didn't make it, but Terran Security rely on you to survive this espionage mission long enough to bring back the Golden Orb, a map of Zoren and a sample of the latest Zoreen Laser Gun. Out of fuel on landing, you'll also have to solve the problem of getting off the planet!

MATHS-TREK £5.95

by MARK JONES

An Educational Oddessey

To bring the "Enterprise" back to base, through the Black Holes, Asteroids and Klingon Gunships, you'll have to prove that a Space Captain can handle his maths.

Fifty skill levels and six branches of maths selectable. Suitable for ages 6 to 16.

BUGGED! £5.95

By ANDREW JEAVONS

The Tactical Arcade Game

Wave after wave of killer BUGS, deadly BUG NESTS, crafty and homicidal INDY-BUGS and MASS MUTATION from Screen 21 onwards! Survival impossible, but can you make the BUG-BASHER HALL OF FAME? The only way to destroy the little blighters is to roll the EGGS on to them and squash 'em! On-screen Scoring, Wave Data and Lives Left. BE WARNED! Intelligent manoeuvring and lightning tactical decisions count for more in this game than pure arcade reflexes.

TREASURE TOMBE £7.95

By MIKE MEINECK

A Real-Time Graphics Adventure

Don your chain-mail and crawl down into Merlin's 90-chamber tomb complex to search for Arthur's treasure. Wizards, Warlocks, Goblins, Vampires and a host of other dungeon spawn await!

OSCAR THE OWL'S MATHS TEST £4.95

by R. WESTWOOD

Maths testing for Primary School Children. Complete the sum on Oscar's blackboard before Lensie the Looper Caterpillar reaches his mushroom. Selectable type of sum, difficulty and timing.

THE CRYSTAL CHALICE £7.95

By MIKE MEINECK

An Advanced Level Swords and Sorcery Adventure

The Klarz smashed the Chalice and scattered the shards to the four corners of the doomed Kingdon of Quorom. Darkness and evil now hold sway and a thorn-spiked Tanglewood has overgrown the Meadowplain.

Your Quest will take you from the Black Lagoon, **through** the dungeons of the Klarz itself to the rambling Farlands. Brute strength and cunning will both be required.
(Clue sheet available on request)

MIDAS MAZE £5.95

by MIKE MEINECK

A Movement Game for the Younger Player

All that glisters is not gold! Don't fall into the Devil's Kitchen where escape demands the eating of Power Pies and keep your fingers crossed that the Good Fairy helps you.

*CASH-FLOW £8.75

by A. S. CLARK

Money Management for Home and Small Businesses.

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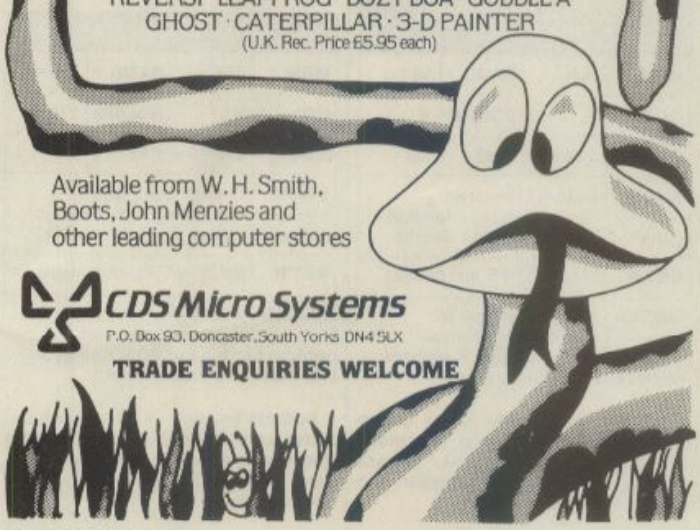

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Spectrum

HOME-PERSONAL

ADDRESS FILE MANAGER

MEM	48K	BAUD	Norm
COL	N	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Severn Software, 5 School Crescent, Lydney, Glox.		
RET'R	AA LA and others		
NOTES	None		

A menu-driven address file manager. Features set up records, delete records, search records, save and load from tape and other relevant and necessary items.

BIORHYTHMS

MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Road, Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

When will you be at your peak (and trough) physically, emotionally, and intellectually?

CASSETTE FILES

MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Simon Software, Blansheay, Droitwich Road, New End, Redditch, Worcs.		
RET'R	AA		
NOTES	None		

File information — three sets of data — search and print facility.

COMP-U-TAX

MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Micromega, Quantec Systems & Software, 230- 236 Lavender Hill, London.		
RET'R	MZ and others		
NOTES	None		

Annually-released personal income tax calculator in one program. User is taken step-by-step through required inputs. Full breakdown of situation at end. User-guide included.

HOME ACCOUNTS

MEM	Unex.	BAUD	Norm
COL	Y	SOUND	N
COST	£19.95	F'MT	Ca/D
SUP'R	Gemini Marketing Ltd., 18a Littleham Road, Exmouth, Devon.		
RET'R	AA		
NOTES	Disk £23.95		

Complete home accounting package to budget household expenditure and compare against actual expenditure.

COMP-U-SHARE

MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Micromega, Quantec Systems & Software, 230- 236 Lavender Hill, London.		
RET'R	MZ and others		
NOTES	None		

Database and statistical analysis utility for stocks and shares at personal investment level permitting 'what-if?' simulations and evaluations, taking account of jobber's turn, commissions, etc.

CLUB RECORD CONTROLLER

MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Road, Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

Enables clubs to hold records of up to 100 members on one cassette. Allows for names, addresses, phone numbers plus five lots of additional information — e.g. type of membership.

COLLECTOR'S PACK

MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Road, Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

Whether it's stamps, records, butterflies, coins, this program is easily modelled to your needs. With a capacity of up to 1500 records, there's room for plenty of detailed information.

PLUS 80 FINANCIAL MANAGER

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£19.95	F'MT	Ca
SUP'R	Oxford Computer Publishing Ltd., 4a High Street, Chalfon: St. Peter, Bucks.		
RET'R	SM BS WP PE and others		
NOTES	Adapted to give 80 column Centronics printout facilities using a Kempston interface for the Spectrum.		

A powerful, flexible Menu Driven program domestic and business accounting applications. Offers professional screen presentation and editing facilities.

PERSONAL BANKING SYSTEM

MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Micromega, Quantec Systems & Software Ltd., 230-236 Lavender Hill, London.		
RET'R	MZ and others		
NOTES	None		

Stores details of payments, receipts and running balance as input. Automatic posting of standing orders when due. Reconciliation against bank statement. Search facility for similar items. Menu-driven throughout.

PERSONAL BANKING SYSTEM WITH BANK RECONCILIATION

MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£12.00	F'MT	Ca
SUP'R	Hilton Computer Services Ltd., 14 Avalon Road, Orpington, Kent.		
RET'R	BM SR ZX AA		
NOTES	None		

Supports datafiles, automatic posting of stancing orders, entry search with printout by category with totals. Matches bank statement items automatically with PBS records, highlighting discrepancies. Lists uncleared cheques. Offers full correction facilities.

PLUS 80 ADDRESS MANAGER

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£19.95	F'MT	Ca
SUP'R	Oxford Computer Publishing Ltd., 4a High Street, Chalfont St. Peter, Bucks.		
RET'R	SM BS WP PE and others		
NOTES	Adapted to give 80 column Centronics printout facilities using a Kempson interface for the Spectrum.		

Address Manager is a fast machine-coded application program that offers Spectrum owners a professional standard address filing, indexing and retrieval system.

Spectrum

HOME - PERSONAL

THE DATABASE

MEM	48K	BAUD	Norm
COL	N	SOUND	N
COST	£9.95	F'MT	Ca
SUP'R	Micrel, 1 Milton Road, Cambridge.		
RET'R	AA		
NOTES	None		

A versatile, free-form electronic filing system with numerous home, work and educational applications. Incorporates full calculating abilities, file merging, screen-based data entry and editing and simple word processing.

THE SPREADSHEET

MEM	48K	BAUD	Norm
COL	N	SOUND	N
COST	£9.95	F'MT	Ca
SUP'R	Micrel, 1 Milton Road, Cambridge.		
RET'R	AA		
NOTES	None		

Similar to Visicalc, turning your computer into a powerful 'super-calculator' answering 'what if!' questions. Supplied with four models for immediate use, including Bank Account Manager and Cash Flow Projector.

THE WORD PROCESSOR

MEM	48K	BAUD	Norm
COL	N	SOUND	N
COST	£9.95	F'MT	Ca
SUP'R	Micrel, 1 Milton Road, Cambridge.		
RET'R	AA		
NOTES	None		

Create, store and format text. Incorporates edit, add, delete, find, replace and copy commands. Automatic centering, indent and justification options. Mail merge. Full size printer compatibility. Variable characters per line.

VU-CALC

MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£8.95	F'MT	Ca
SUP'R	Psion Ltd., 2 Hunstworth Mews, Gloucester Place, London W1.		
RET'R	AA SC SM MZ		
NOTES	None		

Constructs, generates and calculates large tabes for applications such as financial analysis, budget sheet, and projections. With full instructions.

VU-FILE (WITH GAZETTEER)

MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£8.95	F'MT	Ca
SUP'R	Psion Ltd., 2 Hunstworth Mews, Gloucester Place, London W1.		
RET'R	AA SC SM MZ		
NOTES	None		

Information storage and retrieval program with emphasis on user-friendliness and visual display. catalogue your collections, maintain records of memberships, keep track of accounts, or use as a telephone director.

VU-3D

MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£9.95	F'MT	Ca
SUP'R	Psion Ltd., 2 Hunstworth Mews, Gloucester Place, London W1.		
RET'R	AA SC SM MZ		
NOTES	None		

Use the computer keyboard to outline an object. Magnify or reduce the imagine, add a percentage of depth. Then touch a key — you're in a different mode. Adds third dimension.

Spectrum

UTILITY-MISC

ADDRESS MANAGER

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£8.95	F'MT	Ca
SUP'R	Oxford Computer Publishing Ltd., 4a High Street, Chalfont St. Peter, Bucks.		
RET'R	SM BS WP PE & others		
NOTES	None		

Address manager is a fast machine-code application program that offers Spectrum owners a professional standard address filing, indexing and retrieval system.

CATTEL IQ TEST

MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£12.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Road, Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

CLONE

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£5.00	F'MT	Ca
SUP'R	Work Force, 140 Wilsden Ave., Luton, Beds.		
RET'R	AA		
NOTES	None		

Copy utility makes back-ups.

COMPLETE BASIC PROGRAMMER

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£9.95	F'MT	Ca
SUP'R	Softek International Ltd., 12/13 Henrietta St., Convent Garden, London.		
RET'R	AA		
NOTES	None		

Sofkit 1 features a full renumbering routine, search and replace, variable dump, line definition and implementation of Trace. Sofkit 2 a full feature graphics kit with smooth scrolling, attribute search and change, large-letter routine, box creation and window routine.

COMPLETE MACHINE CODE PROGRAMMER

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£12.95	F'MT	Ca
SUP'R	Softek International Ltd., 12/13 Henrietta Street, Covent Garden, London.		
RET'R	AA		
NOTES	None		

SOFSEM Editor/Assembler and SOFMON Monitor/Disassembler all in one package. Designed to work with Master Key. Booklet included which introduces the beginner to machine code and reference guide for experienced programmers.

DEVPAC 3

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£14	F'MT	Ca
SUP'R	Hisoft, 13 Gooseacre, Cheddington, Leighton Buzzard.		
RET'R	SC & others		
NOTES	None		

An editor/assembler (Gens) together with a disassembler/debugger (Mons), both relocatable. Gens assembles all Z80 mnemonics, with directives and commands at a speed of 3000 lines/minute. Mons is a full debugger/disassembler including single-step facility, even in ROM.

DISPLAY

MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£7.00	F'MT	Ca
SUP'R	Work Force, 140 Wilsden Ave., Luton, Beds.		
RET'R	AA		
NOTES	None		

Allows extra user-definable graphics.

DOODLES & DEMOS SPECTRUM SPECTACULAR

MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£5	F'MT	Ca
SUP'R	Automata U.K. Ltd., 27 Highland Rd., Portsmouth, Hants.		
RET'R	AA & others.		
NOTES	None		

Automatic demonstration and teaching program to display graphic capabilities, and integrate user-defined graphics into your own programs.

Spectrum UTILITY-MISC

EASYSPEAK			
MEM	48K	BAUD	Norm
COL	N	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Quicksilva Ltd., Palmerston Park House, 13 Palmerston Rd., Southampton.		
RET'R	AA		
NOTES	None		

No additional hardware required, enables user to make Spectrum talk and add speech to own programs. Includes speech digitiser, record and playback, speech, editing.

EPHEMERIS			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.90	F'MT	Ca
SUP'R	Bridge Software, 36 Fernwood, Marple Bridge, Stockport, Cheshire.		
RET'R	AA		
NOTES	ZX printer optional		

An observer's guide to the solar system. Provides the user with the information needed for solar, lunar and planetary observation. For amateur astronomers.

EXPLORER'S TAPE FOR THE ZX SPECTRUM			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£8.95	F'MT	Ca
SUP'R	Addison-Wesley Publishers Ltd., 53 Bedford Square, London WC1		
RET'R	AA and others		
NOTES	None		

Contains all programs in the book 'Explorer's Guide to the ZX Spectrum and ZX81' by Kasper Boon. Is an aid for slow typists or those unfamiliar with the machine's keyboard.

FOOTBALL FORECAST			
MEM	48K	BAUD	Norm
COL	N	SOUND	N
COST	£15.00	F'MT	Ca
SUP'R	Kyma Computers Ltd., 11 York Road Maidenhead.		
RET'R	AA SC and others		
NOTES	None		

Using Professor Frank George's forecasting techniques, this program can store up to 7 league table results for pools forecasting. Easy to update data and correct errors.

FORTUNE			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£3.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham.		
RET'R	AA & others.		
NOTES	None		

A cassette for fun(d-raising), this 'fortune-telling' program gives graphic displays, including Zodiac sky for input birthdate, and neat random text output.

FLIPPIT			
MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£9.95	F'MT	Ca
SUP'R	Sinclair Research ltd., 25 Willis Road, Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

FORTH			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£14.95	F'MT	Ca
SUP'R	Abersoft, 7 Maes Afallen, Bow Street, Dyfed.		
RET'R	AA		
NOTES	None		

FIG approved version of FORTH. Upgradable to Microdrive later.

FORTH			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£14.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Road, Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

Combines the simplicity of BASIC with the speed of m/c. FORTH's compiled code occupies less than a quarter of equivalent BASIC program, yet runs ten times faster. With User and Editor manuals.

"FP' COMPILER"			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£19.95	F'MT	Ca
SUP'R	Softek International Ltd., 12/13 Henrietta Street, Covent Garden, London.		
RET'R	AA		
NOTES	None		

Compiler for the ZX Spectrum which handles virtually all of Spectrum BASIC including full floating point (cos, tan, etc.) full string handling, Boolean algebra, etc.

FULL SCREEN EDITOR ASSEMBLER			
MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£9.95	F'MT	Ca
SUP'R	Oxford Computer Publishing Ltd., 4a High Street, Chalfont St. Peter, Bucks.		
ET'R	SM BS WP PE and others		
NOTES	None		

Full screen editor/assembler is a powerful tool for writers of machine code, full screen input, comprehensive documentation make it ideal for beginners and experts.

HISOFT PASCAL 4T			
EM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£25	F'MT	Ca
SUP'R	Hisoft, 13 Gooseacre, Cheddington, Leighton Buzzard.		
RET'R	SC and others		
NOTES	None		

HP4T is a virtually Standard Pascal compiler producing Z80 code one pass. The object code produced runs typically at a speed increase of 30-49 times an equivalent ZX BASIC program.

HORSE RACE FORECAST			
MEM	48K	BAUD	Norm
COL	N	SOUND	N
COST		F'MT	Ca
SUP'R	Kuma Computers Ltd., 11 York Road, Maidenhead.		
RET'R	AA SC		
NOTES	None		

Involves a consideration for each horse in any chosen race, using information from previous results. Weight assigned and distances of past and current races are taken into account.

INFRARED			
MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£6.75	F'MT	Ca
SUP'R	ACS Software, 7 Lidgett Crescent, Roundhay, Leeds		
RET'R	BM and others		
NOTES	None		

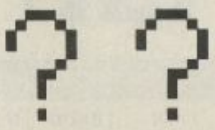
Infrared is the complementary disassmbler to Ultraviolet. It allows m/c programs to be read as Z80 mnemonics. Diassembled listings can be copied to the printer. Infrared gives correct mnemonics for all Z80 instructions.

'IS' AND 'FP' COMPILERS			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£24.95	F'MT	Ca
SUP'R	Softek International Ltd., 112/13 Henrietta Street, Covent Garden London WC2		
RET'R	AA		
NOTES	None		

Full 'FP' Compiler. Handles virtually all of Spectrum BASIC including full floating point (cos, tan, etc.) full string handling, Boolean algebra, etc. Integer 'IS' Compiler Full string handling, Boolean algebra, full name variables and an 'AS-BASIC' input routine.

'IS' COMPILER			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Softek International Ltd., 112/13 Henrietta Street, Covent Garden London WC2		
RET'R	AA		
NOTES	None		

It can now compile up to 17K (in the 48K version) of BASIC, has full string handling, Boolean algebra, full name variables and an 'AS-BASIC' input routine.



LEARNING			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham		
RET'R	AA and others		
NOTES	None		

Cassette of ten programs of value to children, with notes designed to help the programmer with BASIC.

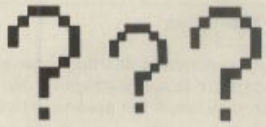
Spectrum UTILITY-MISC

MASTER KEY			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Softek International Ltd., 112/13 Henrietta Street, Covent Garden London WC2		
RET'R	AA		
NOTES	None		

Up to 100 bytes of BASIC executed at a single key press!

MICRO-PRINT 42/51			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	N
COST	£5.00	F'MT	Ca
SUP'R	Myrmidon Software, Sinclair Owners Software Library, Warren Road, Liss, Hants.		
RET'R	AA and others		
NOTES	None		

'Micro-print 42/51' revises the Spectrum screen into 24 directly printable lines of 42 or 51 characters. All standard characters/colours/3 type-faces mixable on screen. Only 824 bytes m/c code, runs on any BASIC program.



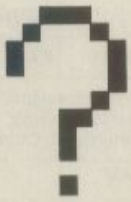
MCODER II			
MEM	48K	BAUD	Norm
COL	N	SOUND	N
COST	£9.95	F'MT	Ca
SUP'R	PSS, 452 Stoney Stanton Rd., Coventry.		
RET'R	BO MZ MI PM LA SM LS PC		
NOTES	None		

If you've ever wanted to write super fast porgrams and find basic operates just too slowly, then Mcoder II is the program you need. It's a real interger compiler.

MONITOR AND DISASSEMBLER			
MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£12.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Rd., Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

PLUS 80 EDITOR ASSEMBLER			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£19.95	F'MT	Ca
SUP'R	Oxford Computer Publishing Ltd., 4a High St., Chalfont St. Peter, Bucks.		
RET'R	SM BS WP PE and others		
NOTES	Adapted to give 80 column Centronics printout facilities using a Kempston interface for Spectrum.		

A powerful tool for writers of machine code, full screen input, comprehensive documentation and many features not normally found in programs of this type.



PW RADIO PROGRAMS — 5			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£3.75	F'MT	Ca
SUP'R	Practical Wireless, Westover Hse, West Quay Rd, Poole, Dorset.		
RET'R	PW		
NOTES	None		

Six programs of use to the Radio Amateur. 'Ants+Feeds' Antenna and feeder calculations. 'Range' radio range between two stations. 'Data' tuned circuit and coil design. 'QSL Cards' prints QSL cards on a ZX printer. 'Meters' ammeter and voltmeter design. 'Reactance' reactance and impedance calculations.

PRACTICAL WIRELESS RADIO PROGRAMS — 3			
MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£3.75	F'MT	Ca
SUP'R	Practical Wireless, Westover House, West Quay Road, Poole, Dorset.		
RET'R	PW		
NOTES	None		

Seven programs for the radio amateur. QTH locators, distance and bearings, spurious frequency calculations, colour TV test patterns, callsign filing system, logbook and a program to track Russian series and Oscar 8 amateur radio satellites.

PLAY TYPE AND TRANSPOSE			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.00	F'MT	Ca
SUP'R	Hilton Computer Services Ltd., 14 Avalon Rd., Orpington, Kent.		
RET'R	AA BM		
NOTES	None		

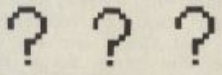
Compare music on bass and treble chef displayed on screen, transpose to another key, play it, save to tape, and output manuscript to printer.

PROGRAMMERS DREAM			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Work Force, 140 Wilsden Avenue, Luton, Beds.		
RET'R	AA		
NOTES	None		

Toolkit relocatable code for placement where required.

SPECTRO GRAPHICS			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.90	F'MT	Ca
SUP'R	Bridge Software, 36 Fernwood, Marple Bridge, Stockport, Cheshire.		
RET'R	AA		
NOTES	ZX printer optional.		

Eleven graphics procedures in a single menu-driven program. Includes hi- and lo-resclution sketch-pads, multi-size text, user-defined graphics, a mini text-editor, colour PAINT etc.



SPECTRUM MACHINE CODE TEST TOOL			
MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£9.95	F'MT	Ca
SUP'R	Oxford Computer Publishing Ltd., 4a High Street, Chalfont St. Peter, Bucks.		
RET'R	SM BX WP PE and others		
NOTES	None		

The Machine Code Test Tool is a utility program which comes complete with tutorial course enabling you to enter, test, display and debug hexadecimal machine code routines simply and quickly.

SPECTRUM MASTER TOOL KIT			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£3.95	F'MT	Ca
SUP'R	Oxford Computer Publishing Ltd., 4a High Street, Chalfont St. Peter, Bucks.		
RET'R	SM BS QP PE and others		
NOTES	None		

The Machine Code Test Tool is a utility program which comes complete with tutorial course enabling you to enter, test, display and debug hexadecimal machine code routines simply and quickly.

STARGAZER SECRETS			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Computer Rentals Ltd., 140 Whitechapel Rd, London, E1.		
RET'R	AA		
NOTES	None		

An astrology program written by a professional astrologer. A full birth chart is procuced from subject's date time and position of birth and a character reading is given.

SPECTRUM SPRITES			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£5.00	F'MT	Ca
SUP'R	Work Force, 140 Wilsden Ave., Luton, Beds.		
RET'R	AA		
NOTES	None		

Sprite graphics system.

STATISTICS			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.90	F'MT	Ca
SUP'R	Bridge Software, 36 Fernwood, Marple Bridge, Stockport, Cheshire.		
RET'R	AA		
NOTES	ZX printer optional, 48K version £9.90		

Two user-friendly statistics programs enabling the user to compute a range of summary statistics, analysis of variance, tests, correlation and regression. Results may be output to the ZX printer.

Spectrum UTILITY-MISC

STEELCALC2			
MEM	48K	BAUD	Norm
COL	N	SOUND	Y
COST	£19.95	F'MT	Ca
SUP'R	Tectonic Software, 7 Ashley Road, Poole.		
RET'R	DC		
NOTES	ZX printer optional		

Steel beam design, with fully detailed output including graphics. Other features as SteelCalc but has four screens of 'hand-calculations' to copy from the screen, to 'prove' section.

STEELCHECK			
MEM	48K	BAUD	Norm
COL	N	SOUND	Y
COST	£39.95	F'MT	Ca
SUP'R	Tectonic Software, 7 Ashley Rd., Poole.		
RET'R	DC		
NOTES	ZX printer optional		

Steel beam checking program, for use by approving authorities and in maintenance/renovation work. Maximum loading for any matching section, based on span. Designer mode as Super SteelCalc. Large datafile.

STEELCALC			
MEM	48K	BAUD	Norm
COL	N	SOUND	Y
COST	£12.95	F'MT	Ca
SUP'R	Tectonic Software, 7 Ashley Road, Poole.		
RET'R	DC		
NOTES	ZX printer optional		

Steel beam design, with fully detailed output including graphics. Suggests suitable beam from datafile, further sections on demand. Single and double beams. Data page, calculator mode. User-friendly.

SUPER STEELCALC			
MEM	48K	BAUD	Norm
COL	N	SOUND	Y
COST	£29.95	F'MT	Ca
SUP'R	Tectonic Software, 7 Ashley Road, Poole.		
RET'R	DC		
NOTES	ZX printer optional		

Advanced steel beam design program, with large datafile, various user controls and fully detailed output with extended 'hand-calculations' facility to copy from screen.

SYS 64			
MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Artic Computing, Main Street, Brandesburton, Driffield.		
RET'R	SM BO GA		
NOTES	None		

TAPE INDEXER			
MEM	48K	BAUD	Norm
COL	N	SOUND	N
COST	£5.00	F'MT	Ca
SUP'R	Work Force, 140 Wilsden Avenue, Luton, Beds.		
RET'R	AA		
NOTES	None		

Reads headers, displays addresses and prints labels from the printer.

USE AND LEARN			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Microl, 1 Milton Road, Cambridge.		
RET'R	AA		
NOTES	None		

The 25 programs combined on one tape are a comprehensive starter kit for newcomers to the Spectrum and to programming. Games: Deflector, Parachute, Codebreaker, Tank, Quiz, Puffball. General/Education: Music Composer, Computer Term Glossary, Solar System, Star Atlas, World Atlas, Tapefile, Addictive Addition, Sentence Generator. Programming Aids: Screen Designer, Graphics Workbox, Text Editor, Bar Graph and Pie Charts, Bubble and Shell Sorts, Number Conversions, Memory Map Monitor, Variables Monitor, RAM Test.

TASWIDE			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£5.50	F'MT	Ca
SUP'R	Tasman Software, 17 Hartley Crescent, Leeds.		
RET'R	AA		
NOTES	None		

Doubles the information that programs can display on the screen by giving 64 characters per line from normal basic PRINT statements.

TIMBERCALC			
MEM	48K	BAUD	Norm
COL	N	SOUND	Y
COST	£12.95	F'MT	Ca
SUP'R	Tectonic Software, 7 Ashley Road, Poole.		
RET'R	DC		
NOTES	ZX printer optional		

Timber beam and joist design with fully details output including graphics. Suggests suitable section from computer-generated data based on stock sizes. Data page, calculator mode, user-friendly.

THE SAFE			
MEM	48K	BAUD	Norm
COL	N	SOUND	N
COST	£5.50	F'MT	Ca
SUP'R	Peek Software, distrib. by Haven Soft, 85 Slotun Street, Whitehaven, Cumbria.		
RET'R	AA		
NOTES	None		

Provides back-up copies of 48K programs on ZX Spectrum.

ULTRAVIOLET			
MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£7.50	F'MT	Ca
SUP'R	ACS Software, 7 Lidgett Crescent, Roundhay, Leeds.		
RET'R	BM and others		
NOTES	None		

Ultraviolet m/c assembler works entirely in decimal. All Z80 mnemonics are assembled. Errors are indicated by a two-message system. The assembler allows assembled code to be relocated.

VIEWPOINT			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£6.50	F'MT	Ca
SUP'R	ACS Software, 7 Lidgett Crescent, Roundhay, Leeds.		
RET'R	BM and others		
NOTES	None		

Brings 3D graphics to your Sinclair, using BASIC routines which you can use in your own programs. Viewpoint will work on a 16K Spectrum. Objects can be rotatec about a point, a line between two points.

YAGI DESIGN			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Ground Control Software, Alfreda Ave., Hullbridge, Essex.		
RET'R	AA ES		
NOTES	None		

Yagi antenna design to N.B.S. recommendations. From 2 to 15 element with different material size permutations. Includes notes.

ZEN EDITOR/ ASSEMBLER			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£12.50	F'MT	Ca
SUP'R	Kuma Computers Ltd., 11 York Road, Maidenhead.		
RET'R	AA		
NOTES	None		

Zen conforms to all Zilog mnemonic standards. It is supplied with a manual which includes a full assembly listing.

ZEUS ASSEMBLER			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£12.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Road, Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

ZX SLOWLOADER			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£10	F'MT	Ca
SUP'R	East London Robotics Ltd., No. 11 Gate, Royal Albert Dock, London.		
RET'R	AA		
NOTES	None		

Automatically loads ZX81 programs onto Spectrum. BASIC programs and arrays may run without modification but editing is required for peeks, pokes and m/c. A short users manual is provided.

Spectrum

EDUCATION

A.B.C. LIFT-OFF!			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Longman Group Ltd., Burnt Mill, Harlow, Essex.		
RET'R	AA		
NOTES	None		

A pictorial introduction to the alphabet and word recognition for children aged 4 to 8 years.

ADDING & SUBTRACTING			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.25	F'MT	Ca
SUP'R	Widgit Software, 48 Durham Road, London.		
RET'R	SM AR SF IS LC LN CM DL		
NOTES	None		

Three animated programmes introducing adding and subtracting at a simple level. Ages 4-7. Adding — count and add blocks as they are loaded onto a train. Subtracting — similar to adding with a man unloading a ship. Ducks — add and subtract ducks in the river.

ALPHABET			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.25	F'MT	Ca
SUP'R	Widgit Software, 48 Durham Road, London.		
RET'R	SM AR SF IS DL LN CM LC		
NOTES	None		

A full screen programme for each letter of the alphabet. Options included can limit the number of letters or show the lower case letter.

ALPHACHOPPER & SNAKEBITER			
MEM	48K	BAUD	Norm
COL	Y	OUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Sulis Software, John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA & others		
NOTES	None		

In Snakebiter, children hunt letters with a snake. In Alphachopper, they steer a helicopter safely on to the correct letter — the race is on to lift as many letters as possible before the fuel runs out.

ANGLES			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£3.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham		
RET'R	AA and others		
NOTES	None		

A simple CAL program to give practice in use of protractor. Special screen-size protractor 75p extra. Middle school and up.

ANIMATED ARITHMETIC			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.50	F'MT	Ca/D
SUP'R	LCL, 26 Avondale Avenue, Staines.		
RET'R	AN LC LY SN IN CC MH AI		
NOTES	None		

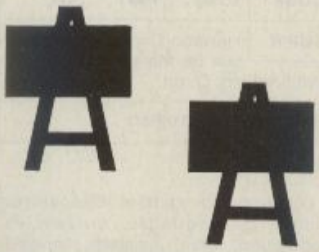
This teaches arithmatic using moving colour pictures. Suitable for ages 3-8 or for remedial classes. Two programs, Clown Count and Addition Express. Correct answers rewarded with clowns juggling, trains travelling across the screen puffing out smoke and chuffing etc.

BEANSTALK			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£3.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham		
RET'R	AA and others		
NOTES	None		

Skeleton allowing you to set your own ten-item objective test. Score advances Jack (JILL?) and the beanstalk story.

BEYOND HORIZONS			
MEM	48K	BAUD	orm
COL	Y	SOUND	N
COST	£4.50	F'MT	Ca
SUP'R	East London Robotics Ltd., No11 Gate, Royal Albert Dock, London.		
RET'R	AA		
NOTES	None		

Teaches the layout and function of the spectrum memory and how to manipulate it during programs. Includes sections on binary, systems variables, attributes and display, with demonstrations and exercises.

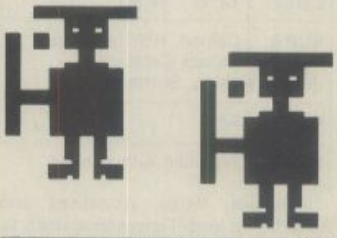


BIOLOGY 1			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£3.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham.		
RET'R	AA and others		
NOTES	None		

A full-feature hangman game with a pool of 50 targe: words/phrases and cryptic graphic or verbal clues, covering 16+ animal biology.

BIOLOGY 2			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£3.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham.		
RET'R	AA and others.		
NOTES	None		

A full-feature hangman game with a pool of 50 target words/phrases and cryptic graphic or verbal clues, covering 16+ plant and gerneral biology.



CALPAC CHEMISTRY SERIES O-LEVEL			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.50	F'MT	Ca
SUP'R	Calpack, 108 Hermitage Woods Crescent, St. Johns, Woking, Surrey.		
RET'R	AA		
NOTES	None		

Includes spelling checkers, help callup routines and easy insertion of subject material of your own choice.

CALPAC LEARNING SERIES VOLUME 1			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.50	F'MT	Ca
SUP'R	Calpac, 108 Hermitage Woods Cresent, St. Hohns, Woking, Surrey.		
RET'R	AA		
NOTES	Supplied with booklet.		

Tens and units addition. 2 Tens and units subtraction. 3 Picture plotter. 4 North American Indians. From 6 years. Includes spe ling checkers, help callup routines, and easy insertion of subject material of your own choice.

Spectrum

EDUCATION

CALPAC LEARNING SERIES VOLUME 2			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.50	F'MT	Ca
SUP'R	Calpac, 108 Hermitage Woods Screscent, St. Johns, Working, Surrey.		
RET'R	AA		
NOTES	Supplied with booklet		

5 Multiplication Tables. 6 The Romans. 7 Spelling tester. 8 Homophones. From 7 years. Includes spelling checkers, help callup routines, and easy insertion of subject material.

CALPAC LEARNING SERIES VOL. 3			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.50	F'MT	Ca
SUP'R	Calpac, 108 Hermitage Woods Crescent, St. Johns, Woking, Surrey.		
RET'R	AA		
NOTES	Supplied with booklet		

9 Nouns, Verbs, Adjectives and Adverbs. 10 Verb Tenses (practice). 11 Structure of the Flower. 12 Long Division. Includes spelling checkers, help callup and material insertion.

CASSETTE 99			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5	F'MT	Ca
SUP'R	LCL, 26 Avondale Avenue, Staines, Middx.		
RET'R	AN LC LY SN IN CC MH AI		
NOTES	None		

Four junior maths programs on percentages and fractions, averages, column graphs, ratio, proportion, etc. Suitable for self-tuition or revision.

CHEMISTRY			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£8.95	F'MT	Ca
SUP'R	Scisoft, 5 Minster Gardens, Newthorpe, Eastwood, Notts.		
RET'R	AA		
NOTES	None		

A suite of several programs including problems, multiple-choice questions and discover "unknowns". Revision notes included. 13-16 years.

COMPUTER LOGIC			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£8.50	F'MT	Ca
SUP'R	N. Darwood Ltd., Halfacre, Stroud, Petersfield, Hants.		
RET'R	AA		
NOTES	Full title: A Game of Computer Logic		

One player (or computer) enters a Boolean equation and the Karnaugh map appears on the screen. His opponent attempts to establish the equation. Suitable — Primary school to University.

COUNTDOWN			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£3.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham.		
RET'R	AA and others.		
NOTES	Printer option.		

Tests of ten questions from pools of 20 at each of three levels. With 10/10, the rocket, built during the game, takes off. REMs help you enter own data.

COUNTRIES OF THE WORLD			
MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Hewson Consultants Ltd. 60a St. Mary's Street, Wallingford, Oxon.		
RET'R	AA and others.		
NOTES	None		

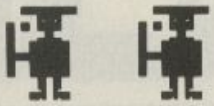
Location and capital of 169 countries including languages, currencies, population, area, smallest, longest, lowest, highest populations. Two world maps in colour for own use. 16K and 48K on one cassette.

CORN CROPPER			
MEM	16K	AUD	Norm
COL	Y	SOUND	Y
COST	£5	F'MT	Ca
SUP'R	C.C.S. Ltd., 14 Langton Way, London SE3.		
RET'R	BM		
NOTES	48K version £6.00.		

Simulation of a commercial wheat farm. Start with £50,000, 30 acres, a tractor and 2 workers. Decisions on planting, irrigating, fertilizing, spraying, harvesting, buying seed corn, land and machinery.

COUNTABOUT			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Longman Group Ltd., Burnt Mill, Harlow, Essex.		
RET'R	AA		
NOTES	None		

Designed for children aged 4-8 to teach simple addition and subraction. Add to, or subtract from, a number of objects displayed on screen to match a given number.



COUNTING			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.25	F'MT	Ca
SUP'R	Widgit Software, 48 Durham Road, London, N2.		
RET'R	SM AR SF IS LC LN CM DL		
NOTES	None		

Four graded programmes to help with counting. Count — random numbers of monsters, (input your own maximum up to 20). Count Cats — count particular kinds of object. Rockets — count spacemen (pre-multiplication). Count 10 — count animated men, or see what a large number looks like.

EDUCATE 1			
MEM	6K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Simon Software, Blandsheay, Droitwich Rd, New End, Redditch, Worcs.		
RET'R	AA		
NOTES	None		

Five teach & test programs on Chemistry, Physics & Biology.

EDUCATE 2			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Simon Software, Blansheay, Droitwich Rd, New End, Redditch, Worcs.		
RET'R	AA		
NOTES	None		

Five teach & test Physics & Chemistry programs.

EDUCATE 3			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Simon software, Blansheay, Droutwich Road, New End, Reddith, Worcs.		
RET'R	AA		
NOTES	None		

Five teach and test programs on words — vocabulary tester. Word target — make up as many words as you can. Wordsnake.

ELECTRIC			
MEM	16K	BAUD	Norm
OL	Y	SOUND	Y
COST	£3.00	F'MT	Ca
SUP'R	AVC Softwre, PO Box 415, Harborne, Birmingham.		
RET'R	AA and others		
NOTES	None		

A full-feature hangman game with a pool of 50 target words/phrases and cryptic graphic or verbal clues, covering electricity topics for CSE/OL.

FOL-DE-ROL			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca/D
SUP'R	Sulis Software Ltd., 4 Church Street, Abbey Green, Bath.		
RET'R	JO		
NOTES	None		

A spelling program with simple but tricky words. A clue and definition are given — you have to spell it right, escape the troll and get three goats across the bridge.

Spectrum

EDUCATION

FORCES			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£3.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham.		
RET'R	AA and others		
NOTES	None		

A full-feature hangman game with a pool of 50 target words/phrases and cryptic graphic or verbal clues, covering statics and dynamics for CSE/OL.

FORENSIC			
MEM	16K	BAUD	Norm
COL	Y	SOUND	
COST	£3.00	F'MT	Ca
SUP'R	AVC Software, PO Bos 415, Harborne, Birmingham.		
ET'R	A and others		
NOTES	None		

Fo Chemistry, CSE upwards — a detection game involvirg standard qualitative tests.

FORMULAS			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£3.00	'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham.		
ET'R	AA and others		
NOTES	Printer option		

Tests of ten chemistry formulas questions from pools of twenty at each of three levels or mixed. With 10/10, the rocket, built during the game, takes off. CSE upwards.

FRENCH			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£3.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham.		
RET'R	AA and others		
NOTES	Printer option		

Tests of ten vocabulary questions from pools of twenty at each of three levels or mixed. With 10/10, the rocket, built during the game, takes off. End of First year.

FRENCH — PERFECT TENSE			
MEM	16K	BAUD	Norm
COL	N	OUND	N
COST	£15.00	F'MT	Ca
SUP'R	Garland Computing, 35 Dean Hill, Plymouth.		
RET'R	AA & others		
NOTES	None		

Teaching and testing programs to help you master the French perfect tense.

FRENCH REVISION			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Rose software, 148 Widney Lane, Solihull, West Midlands.		
RET'R	BM DB CM CP TL ZX ECHO		
NOTES	Full title: 'C' Level French Vocabulary Revision.		

Six programs of Vocabulary. Choice of: 1. English to French? or French to English? 2. Keying in your answer! or just thinking it out?

Vocabulary is taught and tested by three topic programs under 12 headings, e.g. 'on holiday'. Three further programs: 'homework tester', 'common words and phrases' 'irregular 'verbs'.

GARDEN BIRDS			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£6.50	F'MT	Ca
SUP'R	Hilton Computer Services Ltd, 14 Avalon Road, Orpington, Kent.		
RET'R	AA BM		
NOTES	None		

Interested in Ornithology — resident database used to identify most British Birds from operator's inputs.

GEOGRAPHY			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£3.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham.		
RET'R	AA and others.		
NOTES	None		

A full-feature hangman game with a pool of 50 target words/phrases and cryptic graphic or verbal clues, covering aspects of British geography.

GERMAN			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£3.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne. Birmingham.		
RET'R	AA and others		
NOTES	Printer option		

Tests of ten vocabulary questions from pools of twenty at each of three levels or mixed. With 10/10, the rocket, built during the game, takes off. End of first year.

GET IT RIGHT			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Sulis Software, John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA & others		
NOTES	None		

Simple explanations show you what's right, and then you're let loose on texts full of tricky traps. Get it wrong, and you'll go back to a simple explanation and some more practice.

GRAMMAR TREE — NOUNS			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£10.95	F'MT	Ca/D
SUP'R	Sulis Software Ltd., 4 Church Street, Abbey Green, Bath.		
RET'R	JO		
NOTES	None		

Using tree structures, this program teaches you about nouns, adjectives — the subject of the sentence. There are also examples and exercises.

GRAMMAR TREE NOUNS & ADJECTIVES			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£10.95	F'MT	Ca
SUP'R	Sulis Software, John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA & others		
NOTES	None		

Subjects and Predicates, and then a tour of Subjects in particular. With the meddlesome trio of Nouns, Articles and Adjectives accompanying you. Clauses and phrases get put in their place.

GRAMMAR TREE — SENTENCES			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£10.95	F'MT	Ca/D
SUP'R	Sulis Software Ltd., 4 Church Street, Abbey Green, Bath.		
RET'R	JO		
NOTES	None		

Using tree structures, this program teaches you what a sentence is, and explains different kinds of sentence. There are also examples and exercises.

GRAMMAR TREE VERBS & ADVERBS			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£10.95	F'MT	Ca
SUP'R	Sulis Software, John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA & others		
NOTES	None		

Verb phrases, Verbs & Adverbs steers you through that mysterious thing callec the Predicate. Verbs, objects, adverbs and prepositions drop into their allotted place on the Grammar Tree.

GRAPH			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£3.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham.		
RET'R	AA and others		
NOTES	Printer option		

Plots any input x/y relation over wide ranges of user-defined values. Primary level and up.

HANGPERSON			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£3.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham.		
RET'R	AA and others		
NOTES	None		

A full-feature hangman game with a pool of 50 target words/phrases and cryptic graphic or verbal clues. A skeleton into which user may add own targets.

Spectrum

EDUCATION

HUMAN 1

MEM	16K	BAUD	Norm
COL	Y	OUND	Y
COST	£3.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham.		
RET'R	AA and others		
NOTES	None		

A full-feature hangman game with a pool of 50 target words/phrases and cryptic graphic or verbal clues, covering 16+ respiration, skeleton, reproduction.

HUMAN 2

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£3.00	F'MT	Ca
UP'R	AVC Software PO Box 415, Harborne, Birmingham.		
RET'R	AA and others		
NOTES	None		

A full feature hangman game with a pool of 50 target words/phrases and cruptic graphic or verbal clues, covering 16+ excretion, digestion, health.

HOT DOT SPOTTER

MEM	16K	BAUD	Norm
COL	Y	OUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Longman Group Ltd., Burnt Mill, Harlow, Essex.		
RET'R	AA		
NOTES	None		

Designed for children ages 4-8 to teach number recognition. Guess number of dots on ball dropping down the screen. Points are scored according to speed and accuracy of response.

INTERMEDIATE ENGLISH 1

MEM	16K	AUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Rose Software, 148 Widney Lane, Solihull, West Midlands		
RET'R	BM DB CM DP TL ZX EC HO		
NOTES	Printer optional extra.		

Consists of six teach and test programs: Meanings (or words) 1, Meanings 2 (higher level), Parts of Speech, Proverbs, Similes and Anagrams. Each program has a different jackpot game incorporated.

INTERMEDIATE ENGLISH 2

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Rose Software, 148 Widney Lane, Solihull, West Midlands.		
RET'R	M DV CM CP TL ZX EC HO		
NOTES	Printer optional extra		

Consists of six teach and test programs: Idioms, Opposites 1, Opposites 2, Group Terms, Odd Word Out, Spellings. Each program has a different jackpot game incorporated with moving graphics. Correct answers and running totals shown, plus a certificate.

INTERMEDIATE MATHS 1

MEM	48K	BAUD	Norm
COL		SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Rose Software, 148 Widney Lane, Solihull, West Midlands.		
RET'R	BM DB CM CP TL ZX EC HO		
NOTES	Printer optional extra		

Six programs which first teach and then test using generated numbers. Long multiplication (allows for entry of all working), Long Division (all working shown on screen), Highest Common Factor, Lowest Common Multiple, Fractions 1 (+ & −), Fractions 2 (× & ÷).

Each program has a different incentive jackpot game with moving graphics. Correct answers and running totals shown. Appropriate HELP facilities plus a printed certificate.

INTERMEDIATE MATHS2

MEM	48K	AUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Rose Software, 148 Widney Lane, Solihull, West Midlands.		
RET'R	BM DB CM CP TL ZX EC HO		
NOTES	rinter optional extra		

Six programs which first teach and then test, using generated numbers. Areas (7 basic shapes), Perimeters (5 shapes), Simple Equations, Percentages, Sets, Venn Diagrams.

Each program has a different incentive jackpot game with moving graphics. Correct answers and running totals shown. Appropriate HELP facilites plus a printed certificate.

JUNGLE MATHS

MEM	48K	BAUD	Norm
COL	Y	OUND	Y
COST	£7.50	'MT	Ca
SUP'R	Scisoft 5 Minster Garders, Newthorpe, Eastwood, Notts.		
RET'R	AA		
NOTES	None		

Educational game for addition, subtraction, multiplication and division. 5-13 years.

JUNIOR WORD SPLITS

MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Sulis Software, marketed by John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA and others		
NOTES	None		

Wordsplits is a colourful package of word groups — key words that every child in th 8-11 age-range needs to recognise and spell. Put the parts of the words together.

JUST A MOT

MEM	32K	BAUD	Norm
OL	Y	SOUND	Y
COST	£9.95	F'MT	Ca/D
SUP'R	Sulis Software Ltd., 4 Church Street, Abbey Green, Bath.		
RET'R	JO		
NOTES	None		

Learn over 500 useful French words — for travel, food and drink, shopping, essentials. Work from English into French, or vice-versa. Choice of games or key-in answers.

LEARNING

MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham.		
RET'R	AA and others		
NOTES	Also available as a booklet £2.00.		

Cassette of ten programs of value to children, with notes designed to help the programmer with BASIC.

LEARNING FRENCH VOCABULARY

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£15.00	F'MT	Ca
UP'R	Garland Computing, 35 Dean Hill, Plymouth.		
RET'R	AA & others		
NOTES	None		

Instruction and testing programs to help you learn the common words in French vocabulary.

LUNAR LETTERS

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Longman Group Ltd., Burnt Mill, Harlow, Essex.		
RET'R	AA		
NOTES	None		

An introduction to letter matching for children 4 to 6 years. Direct the letter spaceship to the matching space base for a reward.

LOGO CHALLENGE

MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£29.95	F'MT	Ca/D
SUP'R	Addison-Wesley Publishers Ltd., 53 Bedford Square, London.		
RET'R	AA		
NOTES	Disc £37.95		

An educational program in BASIC to simulate turtle graphics. For classroom use and supplied with a book which introduces the program and provides project work, plus a teacher's guide.

Spectrum

EDUCATION

MANAGE			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6	F'MT	Ca
SUP'R	C.C.S. Ltd., 14 Langton Way, London, SE3.		
RET'R	AA		
NOTES	None		

This is a management game for two players. Suitable for training managers in the interaction of business decisions. Results shown in the form of charts and formal business reports.

MAP OF UK			
MEM	48K	BAUD	Norm
COL	N	SOUND	N
COST	£11.95	F'MT	Ca
SUP'R	Kuma Computers, 11 York Road, Maidenhead.		
RET'R	AA and others		
NOTES	None		

Educational geography program, containing over 1000 place names in UK. Can be used as game to encourage children to learn location of town, also supplies distances and includes quiz function.

MARKBOOK			
MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£10	F'MT	Ca
SUP'R	Scisott, 5 Minster Gardens, Newthorpe, Eastwood, Notts.		
RET'R	AA		
NOTES	None		

Teacher's Markbook.

MASTERBARD HAMLET			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£12.95	F'MT	Ca
SUP'R	Sulis Software, John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA & others		
NOTES	Includes copy of the play		

You're tested on quotations — full and paraphrased; on who said what, and who to; on the meaning of important words. Just to make sure you do know it there's a quiz section.

MASTERBARD HENRY IV PT.1			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£12.95	F'MT	Ca
SUP'R	Sulis Software, marketed by John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA and others		
NOTES	Includes copy of the play.		

You're tested on quotations — full and paraphrased; on who said what, and who to; on the meaning of important words. Just to make sure you do know it there's a quiz section.

MATHS PART I AND II			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£8.95	F'MT	Ca
SUP'R	Scisoft, 5 Minster Gardens, Newthopre, Eastwood, Notts.		
RET'R	AA		
NOTES	None		

Each part is a suite of several programs. Part I includes Functions, Equations, Areas, Volumes, etc. Comprehensive revision notes included, 13-16 years.

MATHS 1, 2, 3, 4 AND 5			
MEM	9K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Simon Software, Blansheay. Droitwich Road, New End, Redditch, Worcs.		
RET'R	AA		
NOTES	None		

Maths 1: number, area, fractions, decimals, money, length, number, estimation. Game 1: draw a picture.

Maths 2: volume, ratio, percentage, perimeter, bases, time, number, estimateion. Game 2: try to cross the road.

Maths 3: directed, coordinate, angles, scale, dice, density, temp, estimation. Game 3: play rugby.

Maths 4: squareroot, indices, circles, inequality, statistics, number, fractions, angles. Game 4 defend your star fleet.

Maths 5: linear, directed, statistics, cards, circles, quadratic, pythagoras, equations. Game 5: defend your command ship.

Each part has a test section with random questions.

MICRO MATHS			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£24.50	F'MT	Ca
SUP'R	LCL, 26 Avondale Avenue, Staines, Middx.		
RET'R	AN LC LY SN IN CC MH AI		
NOTES	None		

24 easy-to-use programs taking beginners to O-level standard.. Useful for revision or self-tuition. The programs are on: factorisation of algebraic equations, simple and compound interest, statistics, trigonometry, differentiation (calculus), solution of triangles using sine and cosine formulae precentages and fractions, changing bases of numbers, indices in algebra, similar tringles, applications of Pythagora's Theorem, profit and loss, simplification of bracketed quantities in algebra, ratio and proportion, polygon properties, graphs of linear and quadratic functions solution of algebraic equations, vectors, geometry of the circle and its chords, matrices, operations on numbers in different bases, simultaneous equations.

MIDDLE SCHOOL MATHS PARTS I AND II			
MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£7.95	F'MT	Ca
SUP'R	Sciso't, 5 Minster Gardens, Newthorpe, Eastwood, Notts.		
RET'R	AA		
NOTES	None		

Each part is a suite of five programs ideal for the 9-13 year age range. Comprehensive booklet included.

MATHS REVISION			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Rose Software, 148 Widney Lane, solihull, West Midlands.		
RET'R	BM DB CM CP TL ZX ECHO		
NOTES	Full title: 'O' Level Maths Revision — Equations and Inequalities		

The cassette contains six teach and test programs. All programs use generated numbers, offer help facilities and show the correct answer. If the user gives an incorrect answer, he is given the opportunity to see where his mistake has occured. Running totals are shown. Diagrams on every screen.

Linear Equations 1, Linear Equations 2, Simultaneous Equations, Quadratic Equations, Inequalities, Quadratic Inequalities.

MATHS REVISION			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Rose Software, 148 Widney Lane, Solihull, West Midlands.		
RET'R	BM DB CM CP TL ZX ECHO		
NOTES	Full title: 'O' Level Maths Revision — Geometry		

Contains six programs of multiple choice questions using generated numbers. Correct answers are given together with appropriate explanations. There are diagrams with every question. All with exercises and explanations.

Covering properties of: parallel lines, triangles, congruent triangles, similar triangles, Pythagoras Theorem, rectangles, the rhombus, parallelograms, trapeziums, regular n-sided polygons, circles, cyclic quadralaterials, The Alternative Segment Theorem. The Intersecting Chord Theorem.

MODELLER X			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£3	F'MT	Ca
SUP'R	C.C.S. Ltd., 14 Langton Way, London.		
RET'R	AA		
NOTES	48K version £9.00.		

A user friendly business modeller. Provides managers with a tool to plan strategic decisions. Shows the profit senstivity and the interaction of the pertinent marketing and production factors. Manual included.

OPEN SESAME			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Sulis Software Ltd., 4 Church Street, Abbey Green, Bath.		
RET'R	JO		
NOTES	None		

500 words often mis-spelt are in this program. a definition and clue are given — spel it right, and you can enter the cave — wrongly, and the thieves get you.

PARIS TRIP			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£7.50	F'MT	Ca
SUP'R	Garland Computing, 35 Dean Hill, Plymouth.		
RET'R	AA & others		
NOTES	None		

A question and answer program in which the computer poses problems you might face on a trip to Paris. Helps learning French.

Spectrum

EDUCATION

PATHFINDER			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Widgit Software, 48 Durham Road, London, N2.		
RET'R	SM AR SF IS LC LN CM DL		
NOTES	None		

Four maze type games to help planning and forward thinking. Ages 4-9. Each game different every time. Guide a Rabbit, or programme a Kangaroo through a maze. Help a monster find his Picnic through the park and rescue some Frogs stuck in the pond.

PHYSICS			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£8.95	F'MT	Ca
SUP'R	Scisoft, 5 Minster Gardens, Newthorpe, Eastwood, Notts.		
RET'R	AA		
NOTES	None		

A suite of several programs, including problems, multiple-choice questions, revision tests, comprehensive revision notes included. 13-16 years.

PARITY DETECTION			
MEM	16K	AUD	Norm
COL	N	SOUND	N
OST	£4.65	F'MT	Ca
SUP'R	N. Darwood Ltd., Halfacre, Stroud, Petersfield, Hants.		
RET'R	AA		
NOTES	Full title: A Game of Parity Detection and Avoidance.		

A competitive game for two players, or one player against the computer. You learn about computer-data error detection.

PHYSPROB			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£3.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham.		
RET'R	AA and others		
NOTES	Printer option		

Tests of ten physics questions from pools of twenty at each of three levels or mixed. With 10/10, the rocket, built during the game, takes off. CSE upwards.

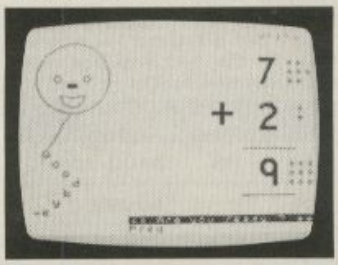
PRINT SHOP			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5	F'MT	Ca
SUP'R	C.C.S. Ltd., 14 Langton Way, London.		
RET'R	BM		
NOTES	None		

In 12 weeks make the profit that will stop your banker foreclosing. Work scheduling, staffing, purchasing and quoting within this time limit will test your business acumen.

PRIMARY ARITHMETIC			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Rose Software, 148 Widney Lane, Solihull, West Midlands.		
RET'R	BM DB CM CP TL ZX ECHO		
NOTES	Printer optional.		

Four programs:- Add, Subtract, Multiply and Divide. Large numbers. Each program (except division) allows entry of units first, tens, then hundreds. Vice versa for Division. Printer allows hard copy of incorrectly done sums. Three levels 1. Units only. 2. Tens and Units. 3. Hundreds, Tens and Units.

Appropriate questions are asked, e.g.:-
"Do you need to borrow one?"
"What shall I carry forward?"



QUAZER			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Rose Software, 148 Widney Lane, Solihull, West Midlands.		
RET'R	BM DB CM CP TL ZX ECHO		
NOTES	None		

Test quick thinking and reactions with 4 quizzes combined with a maze. Zoom your man to the correct answer in the maze before the archer shoots you. You have a total of 4 lives and a time limit.

ROBOT RUNNER			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Longman Group Ltd., Burnt Mill, Harlow, Essex.		
RET'R	AA		
NOTES	None		

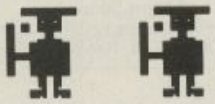
Control the Robot Runner on his dangerous journey across the number ways of Andron. Practises multiplications tables from 1 times to 9 times. For children up to age of 13.

SENTENCE CONSTRUCTION			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.65	F'MT	Ca
SUP'R	N. Darwood Ltd., Halfacre, Stroud, Petersfield, Hants.		
RET'R	AA		
NOTES	Full title: A Game of Sentence Construction.		

You build up a miniature vocabulary of special words (i.e. computer acceptable words) which you use to create sentences. An example, FOR COOL CHOPS ADD HOT CHIPS.

SHAPE SORTER			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.25	F'MT	Ca
SUP'R	Widgit Software, 48 Durham Road, London.		
RET'R	M AR SF IS LC LN CM DL		
NOTES	None		

Three programmes to aid shape and size recognition. Aged 3-6. Size sort — match the shapes. Houses — spot the odd one out. Two skill levels. Animated reward. Size sort — 7 sets of shapes to be sorted.



SPANISH			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£3.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham		
RET'R	AA and others		
NOTES	Printer option		

Tests of ten vocabulary questions from pools of twenty at each of three levels or mixed. With 10/10, the rocket, built during the game, takes off. End of first year.

SPECTRUM PILOT			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£28.50	F'MT	Ca
SUP'R	Sigma Technical Press, John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA & others		
NOTES	None		

Spectrum pilot is an enhanced version of the common pilot author language for the production of computer aided learning (CAL) lessons.

SIMILES			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£3.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham.		
RET'R	AA and others		
NOTES	Printer option		

Tests of ten similes questions from pools of twenty at each of three levels or mixed. With 10/10, the rocket, built during the game, takes off. Primary upwards.

SPELLBOUND BAILIFF			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Sulis Software, John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA & others		
NOTES	None		

A spelling game. Each word spelt right moves in a new piece of furniture — but get your spellings wrong, and the bailiff will carry away your belongings one by one.

SPELLBOUND BESIEGED			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Sulis Software, John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA & others		
NOTES	None		

A spelling game. Every word spelt right is a safe crossing for one of your knights. Spell a word wrong, and the infidels will have an advantage over you.

Spectrum

EDUCATION

SPELLBOUND GOLDEN APPLE			
MEM	48K	BAUD	Norm
COL	Y	OUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Sulis Software, John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	A & others		
NOTES	None		

Snakes 'n' ladders with a golden apple as your goal. Each word spelt right takes you up a ladder to success — but get a word wrong, and you'll find yourself sliding down the snake.

SPELLBOUND TOWERING INFERNO			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Sulis Software, John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA & others		
NOTES	None		

A spelling game. Each word spelt right means another blanket to aid your escape, but a wrong spelling will only make the flames lick higher.

STAR READER — PACKS A & B			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£7.50	F'MT	a
SUP'R	Scisoft, 5 Minster Gardens, Newthorpe, Eastwood, Notts.		
RET'R	AA		
NOTES	None		

Educational program to assist reading. 6-11 years.

STARTER WORD SPLITS			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Sulis Software John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA & others		
NOTES	None		

A colourful package of wordgroups — basic words that every child in the 4-8 age range needs to recognise. The aim of the game is to put the parts of the words together.

SUM SCRUNCHER			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Longman Group Ltd., Burnt Mil, Harlow, Essex.		
RET'R	AA		
NOTES			

Number practise for children aged 6 to 13 years. User must direct the Microbug through the number maze to the correct answer to graded problems. Choice of 6 difficulty levels.

TABLES			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£3.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham.		
RET'R	AA and others		
NOTES	Printer option		

Tests of ten tables questions from pools of twenty at each of three levels or mixed. With 10/10, the rocket, built during the game, takes off. Primary upwards.

TASMATH 1			
MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Tasman Software, 17 Hartley Crescent, Leeds.		
RET'R	AA		
NOTES	None		

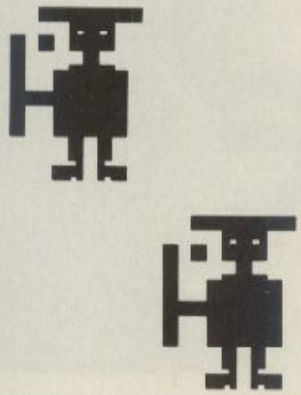
Three mathematics education programs; quadratic equations; simultaneous equation and trigonometry.

TENSE FRENCH			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Sulis Software Ltd., 4 Church Street, Abbey Green, Bath.		
RET'R	JO		
NOTES	None		

This program covers 20 regular and irregular french verbs, in eight tenses. You work in the tense you choose, and there are options for listing and testing.

THE CROSS-NUMBER PUZZLES			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.65	F'MT	Ca
SUP'R	N. Derwood Ltd., Halfacre, Stroud, Petersfield, Hants.		
RET'R	AA		
NOTES	None		

The same as crosswords except the role of words and numbers are interchanged. Graded, 5 year olds to difficult for adults. Ideal for maths lessons. Part solutions can be saved.



TIME TRAVELLER			
MEM	32K	AUD	orm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca/D
SUP'R	Sulis Software Ltd., 4 Church Street, Abbey Green, Bath.		
RET'R	JO		
NOTES	None		

You have to travel through five ages to reach the 20th century. You must get historical facts right, and make your way through five mazes to get there.

TURTLE			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham.		
RET'R	AA and others		
NOTES	Printer option.		

A low-resolution simple turtle graphics program with some special features. Nine main menu leads, nine statement types, sixty lines allowed. Ages 7-14.

TURTLE 2			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham.		
RET'R	AA and others		
NOTES	Printer option.		

A high-resolution simple turtle graphics program with some special features. Nine main menu leads, nine statement types, sixty lines allowed. Ages 8-16.

WAR GAMES			
MEM	16K	BAUD	Norm
COL	Y	OUND	Y
COST	£5.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham.		
RET'R	AA and others		
NOTES	Printer option		

Not suitable for children. After a presentation of the relevant facts of Hiroshima, the user must explore the effect of nuclear explosions over London in a range of variable conditions.

WILD WORDS			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Laugman Group Ltd., Burnt Mill, Harlow, Essex.		
RET'R	AA		
NOTES	None		

Move the Microchimp to catch the letters he needs to spell the target word. Five sets of 40 words each, graded in difficulty. For children up to age 13.

Spectrum EDUCATION

WIZARD BOX			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£7.50	F'MT	Ca
SUP'R	Scisoft, 5 Minster Gardens, Newthorpe, Eastwood, Notts.		
RET'R	AA		
NOTES	None		

Educational program — utility to set a quiz, spelling test, or foreign language vocabularly. All ages.

WORDMASTER			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Sulis Software, marketed by John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA and others		
NOTES	None		

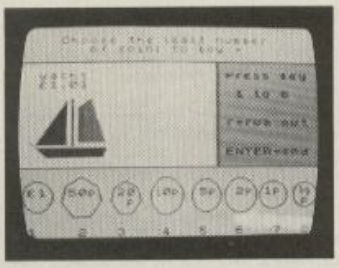
Wordmaster takes you into the heart of English words — and leads you to mastery of those beginnings and endings — prefixes and suffixes — which CONfuse and mystiFY so many people.

WORDPOWER			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Sulis Software, marketed by John Wiley & Sons Ltd., Baffins Lane, Chichester.		
RET'R	AA and others		
NOTES	None		

A powerful package containing more than 1200 words, including opposites, synonyms, nouns, adjectives, collectives and similes. A choice of two games, plus a key-in option and different levels of difficulty

YOUNG LEARNERS 1			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Rose Software, 148 Widney Lane, Solihull, West Midlands.		
RET'R	BM DB CM CP TL ZX ECHO		
NOTES	None		

Four programs: 1. 'Abacus' is a teach and test program. User chooses whether total is greater or less than 10. 2. 'Telling the Time' menu choice: (a) On the hour only, (b) Plus half hours, (c) Plus quarter hours, (d) any time. 3. 'Shopping' is designed to graphically familirise the user with coins currently in use. Paying correct amount, or working out the change. 4. 'Snakes and Ladders' is designed for practising easy addition.



YOUNG LEARNERS 2			
MEM	16K	BAUD	orm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Rose Software, 148 Widney Lane, Solihull, West Midlands.		
RET'R	BM DB CM CP TL ZX ECHO		
NOTES	None		

Four programs: 1. 'Angles' estimate angle for firing missile at spaceship. 2. 'Tables' multiplication test. See-saw must be balanced by giving the correct answer. Large sized figures are used. There is a racing car jackpot. 3. 'Deduce' clues are given for the user to deduce a generated number. There are four levels of difficulty and a help facility is available. 4. 'Capacity' four different large containers have to be filled from smaller containers.

ZX SPECTRUM FORTH COMPILER			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£17.25	F'MT	Ca
SUP'R	Sigma Technical Press, marketed by John Wiley Ltd., Baffins Lane, Chichester		
RET'R	AA and others		
NOTES	None		

A full implementation of Forth. Translates programs into 'compiled' form rather than interpreting statements time after time.

Spectrum GAMES

ABYSS			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5	F'MT	Ca
SUP'R	C.C.S. Ltd., 14 Langton Way, London.		
RET'R	GE ME		
NOTES	48K version also available.		

In a hidden gorge through the Mountain of the Golden Lion lies the forgotten Abyss. Be adventurous and strive to cross it. Destroy evil monsters that lurk in the shadows.

ADVENTURE A: PLANET OF DEATH			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Road, Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

tranded on an alien planet, you must escape by finding your captured space-ship. Danger lurks around every corner.

ADVENTURE B: INCA COURSE			
MEM	48K	BAUD	orm
COL	Y	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Road, Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

You're in the South American jungle, near an as yet uncistrubed Inca temple — packed with treasure. Can you recover the treasure and make it back to safety?

ADVENTURE C: THE SHIP OF DOOM			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Road, Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

An alien cruiser is seeking humanoid planets to enslave the inhabitants and replace their brains with microchips. Can you escape and break the graviton grasp?

Spectrum GAMES

ADMIRAL GRAF SPEE			
MEM	28K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Temptation Software Ltd., 27 Cinque Ports Street, Rye, Sussex.		
RET'R	AA and others		
NOTES	None		

Based on the Graf Spee's expedition in the Atlantic. Calculate speed, compass bearings, fuel, distance, ammunition, torpedo state. Locate, manoeuvre, destroy enemy ships, which can destroy you! 7 levels of difficulty.

ADVENTURE D: ESPIONAGE ISLAND			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Road, Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

Flying over a strange island, your engines fail. Can you survive and discover the island's secret? The natives are definitely not friendly!

ADVENTURE			
MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Arctic Computing, Main Street, Brandesburton, Driffield.		
RET'R	SM BO GE		
NOTES	None		

Adventure game.

ANDROIDE			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Sunshine 12/13 Little Newport Street, London.		
RET'R	JM and others		
NOTES	None		

Endless scrolling maze, you in centre of screen. Shoot Androids before leaving the maze. Limited life and limited shots, both rechargeable. Define your own control keys. Automatic demonstration game routine.

ADVENTURE 1			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Abersoft, 7 Maes Afallen, Bow Street, Dyfed.		
RET'R	AA		
NOTES	None		

Textural adventure based on the original mainframe version.

AH DIDDUMS			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.50	F'MT	Ca
SUP'R	Imagine Software Ltd., Imagine House, 5 Sir Thomas Street, Liverpool.		
RET'R	SM MZ BO DX and others		
NOTES	None		

2D game where you have to manoeuvre a teddy bear about a toy box avoiding toy soldiers, etc. Teddy has to escape to comfort a crying baby.

AIRLINE			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.00	F'MT	Ca
SUP'R	C.C.S. Ltd., 14 Langton Way, London SE3.		
RET'R	GA BM RU BO JL		
NOTES	48K version also available £6.00.		

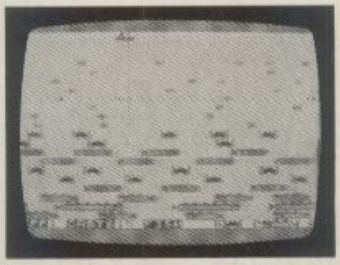
Compete with British Airways! Decide on number of aircraft and whether to buy or charter, levels of staffing and maintenance, problems encountered — tax demands, strikes, cancelled flights, hijacks and crashes.

ANT ATTACK			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Quicksilva, Palmerston Park House, 13 Palmerston Rd., Southampton.		
RET'R	AA		
NOTES	None		

Softsolid 3D program: Battle ants in a 3 dimensional walled city.

ANGLER			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Virgin Games Ltd., 61/63 Portobellow Road, London, W11.		
RET'R	AA SM BO MZ DX GA PM		
NOTES	None		

Player is in a boat. Must use skill and judgement to position boat above sea teeming with different layers and types of fish, not all are friendly.



AQUAPLANE			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Quicksilva, Palmerston Park House, 13 Palmerston Rd., Southampton.		
RET'R	AA		
NOTES	None		

Original machine code arcade game featuring continuous sound, sprite graphics, full screen display, rocks, logs, yachts, cabin cruisers and sharks, an 'impossible' colour and high score table. Kempston joysticks compatible.

ARCADE SAMPLER			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.50	F'MT	Ca
SUP'R	Work Force, 140 Wilsden Ave. Luton, Beds.		
RET'R	AA		
NOTES	None		

High Noon — version of the cowboy shootout. One player against computer or two player competitions. Base Invaders — Choice of 3 levels and includes a shield for those moments when instinct is not enough. Spectrum Scramble — eight direction movement. Arcade game. Features include red meteors, missiles, fuel dumps, bombs, and limited fuel. All three programs are written in machine code.

ASTROBLASTER			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Quicksilva, Palmerston Pk Hse, 13 Palmerston Road, Southampton.		
RET'R	AA		
NOTES	None		

An original, fast, machine code arcade game featuring five attack waves, each with three phases, Cybirds, meteors and plasma, and high score table. Kempston joystick compatible

ASTROPLANER			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.99	F'MT	Ca
SUP'R	Romik Software Ltd., 272 Argyll Avenue, Slough.		
RET'R	AA and others		
NOTES	None		

Zardon's Interstellar armada is detected approaching Earth. You need to maintain the industrial capacity by transporting mutants to factory site before Zardon's mutant convertor kidnaps them to complete the mutation.

ATIC ATAC			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.50	F'MT	Ca
SUP'R	Ultimate Play the Game, The Green, Ashby de la Zouch, Leicestershire.		
RET'R	SM BO LA MZ SC & others		
NOTES	Compatible with Kempston and Cursor controlled joysticks.		

An arcade style 3D spooky G.A.S. Adventure utilising new smooth touch response, fast action movement and graphics with addictively long lasting player appeal in the ever variable scenario.

AUTOCHEF			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.00	F'MT	Ca
SUP'R	C.C.S. Ltd., 14 Langton Way, London SE3		
RET'R	BM BO JL RU		
NOTES	48K version available £6.00.		

You have a million in capital and need to increase this to £25 million in the shortest time possible. Inflation, strikes, sluggish markets are some of the hazards to overcome.

Spectrum GAMES

BACKGAMMON			
MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Harwons Consultants Ltd., 60a St. Mary's Street, Wallingford, Oxon.		
RET'R	AA		
NOTES	None.		

Board game played against the Spectrum. Full colour image of the board and tumbling dice. Eight levels of play. Gamble on a single game or a series, double or quits.

BARON			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Temptation Software Ltd., 27 Cinque Ports Street, Rye, Sussex.		
RET'R	AA and others		
NOTES	None		

Could you farm your lands, maintain workers, hire mercenaries, wage feudal wars? Yearly analysis of success or failure of your decisions. Game of strategy for up to four players.

BARRELDROP			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Games Machine Ltd. Bessemer Dr., Stevenage, Herts.		
RET'R	DJ		
NOTES	None		

Family game featuring arcade action. Riddles and logic equations.

BEDLAM			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	M.C. Lothlorien, 56a Park Lane, Poynton.		
RET'R	MZ & others		
NOTES	None		

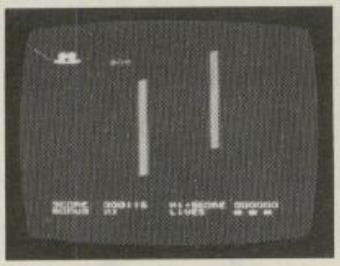
100 per cent machine code arcade game. Progress through levels of play facing attacks from loathsome creatures and sorcerous guards. High score report.

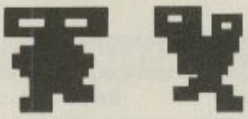
BEETLEMANIA			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.50	F'MT	Ca
SUP'R	M.C. Lothlorien, 56a Park Lane, Poynton.		
RET'R	MZ & others		
NOTES	None		

100 per cent machine code arcade game. Trapped in a giant maze with 4 giant beetles you need 4 beetle eggs to break out. Beetles go beserk when their eggs are stolen.

BLOCKADE RUNNER			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Thorn EMI Video Ltd., Upper St. Martins Lane, London.		
RET'R	BO CU DX GA & others		
NOTES	Joystick or keyboard control		

A fast action game in which your space ship must battle through a blockade of alien ships to reach your home planet.





BRAIN DAMAGE			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Silversoft Ltd., London House, 271/273 King Street, London W6.		
RET'R	SM BO MZ LA		
NOTES	Kempston/Protek joystick option.		

Arcade type game. Trapped in the heart of your computer, you have to blast the CPU's proton panzers. Three skill levels, progressive difficulty, rogue programs.

BRAINSTORM			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Micromega, Quantec Systems & Software Ltd., 230-236 Lavender Hill, London.		
RET'R	MZ GC and others		
NOTES	None		

Brainstorm: Pelmansim type memory game. Uncover numbers in correct sequence in limited moves. If unsuccessful repeat with more boxes. Puzzler: Two matrices shown using entire alphabet and spaces. Using spaces, rearrange one to match the other. Matched letters highlighted.

BRIDGEMASTER LEARNING PACKAGE			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£24.95	F'MT	Ca
SUP'R	Bridgemaster, PO Box 163, Slough.		
RET'R	SM BO SE		
NOTES	None		

Teaches an absolute beginner to play bridge. Under audio tuition the beginner is coached and plays through a carefuly structured series of bridge deals.

BRITISH LOWLAND			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.00	F'MT	Ca
SUP'R	C.C.S. Ltd., 14 Langton Way, London SE3.		
RET'R	ME		
NOTES	None		

You start with a small sports car company, an overdraft and a workforce to keep happy. Steer your way to success with careful management and good industrial relations.

BUGABOO			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Quicksilva, Palmerston Park House, 13 Palmerston Road, Southampton.		
RET'R	AA		
NOTES	None		

Arcade type game.

BUNNY & ETA			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5	F'MT	Ca
SUP'R	Automata UK Ltd., 27 Highland Road, Portsmouth, Hants.		
RET'R	AA and others		
NOTES	None		

This cassette comprises of two programmes for the very young or young at heart. Bunny is a game against time. ETA is about saving the life of an extra terrestrial being.

CAVE ADVENTURE			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Simon Software, Blansheay, Droitwich Road, New End, Redditch, Worcs.		
RET'R	AA		
NOTES	None		

Weave your way through a labyringth of caves and avoid the horrific monsters — is possible.

CAMELOT			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.00	F'MT	Ca
SUP'R	C.C.S. Ltd., 14 Langton Way, London SE3.		
RET'R	GE ME		
NOTES	None		

Game on adventures of Arthur Pendragon banished from Camelot with 10 warriors, 50 bags of gold and 10 of food. Find 7 items, re-enter Camelot and be crowned King.

CAVEMAN			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Computer Rentals Ltd., 140 Whitechapel Road, London E1.		
RET'R	AA		
NOTES	None		

A game incorporating high resolution colour and sound. Your aim is to steal pterodactyl's eggs. These eggs are guarded by the pterodactyl and many other hazards.

ORIC · SPECTRUM · ORIC · SPECTRUM · ORIC · SPECTRUM · ORIC · SPECTRUM · ORIC · SPECTRUM · ORIC

Durell Software

Dept.SIa Durell Software
Castle Lodge · Castle Green
Taunton · TA4 1AB
ENGLAND

Harrier Attack ORIC-1 and SPECTRUM

Pure machine-code, super-fast, action-packed, highly addictive arcade-style game requiring great skill. The harrier takes-off from an aircraft-carrier and flies over seaborne defences to attack enemy installations on a nearby island. The harrier may fly faster, slower, higher or lower, and has bombs and rocket fire with which to protect itself and make its own attack. If it flies too high it is detected by enemy jet-fighters (which it may counter-attack) – so it needs to hug the mountainous terrain which also varies with every new game. But the island is heavily defended by anti-aircraft rockets and tanks, which again the harrier may counter-attack or try to fly through. A tally is kept of fuel, bombs and rockets, plus player score and high score. Finally the harrier must make its bomb-run over the enemy base before returning to its own carrier.

ORIC APPROVED VERSION £6.95
SPECTRUM VERSION £5.50

Starfighter ORIC-1 (48K only)

You are in command of a galactic defence vessel travelling through inter-stellar space to attack and destroy intruding aliens. At long range this is carried-out on your computer scanner which displays stars in the local quadrant, with passing planets, space stations, star-gates, and of course the aliens which may strike in packs or singly, scattering anti-matter mines around your ship. You may counter-attack the aliens with your photon torpedoes, or if you move-in close enough switch over to manual and visual control to chase the fleeing alien and blast him with your phasors. See the star-scape spin relative to your ship's manoeuvres, but watch-out for the alien mines whizzing past. You will need to conserve energy carefully to get back to the refuelling points, and then the time-gates to the other quadrants. Weapons, shield and energy status are all monitored throughout this pure machine code game, which may be set to tenlevels of skill.

ORIC APPROVED VERSION £6.95

GALAXY 5 ORIC-1

Side one of Galaxy 5 contains three pure machine code arcade type space games. They consist of 'Galaxy' which is a Galaxian-type game with 15 winged aliens swooping down to bomb a left/right controlled rocket launcher in groups of one, two or three. Next 'Astro War' is an asteroids-type game with a meteor shower moving sideways across the screen towards your ship which has right,left,up and down controls plus phasor fire to blast the meteors along with any aliens that may be hiding amongst them. The last game on this side is 'Space Chase' which gives a view from your cockpit of a fleeing alien. You fire at him and he fires back, so you must get a direct hit quickly before he destroys your force shields. Side two of this tape consists of two more arcade type space games but this time in BASIC, which are easy to learn from, being short, simple and clearly written with every line of the BASIC explained in an English REMark statement.

ORIC VERSION £6.95

Assembler/Disassembler ORIC-1

The assembler follows standard 6502 conventions and has proved very reliable while in continual use by Durell Software. Features include the following:

Generally	*List File*	*Pseudo-Ops*
Auto line numbering	LIST	EQUATE
Six character labels	DELETE	BYTE
Updatable list-file	LLIST	DBYTE
Maths on operands	ALTER	WORD
Syntax checking	INSERT	TEXT
Output to printer	END/STOP	BLOCK

ORIC VERSION £6.95

Jungle Troubles SPECTRUM

Pure machine code with super cartoon graphics. This original and witty game is set in the depths of the African jungle. First you must direct your man to collect an axe and cross a nearby river via stepping stones that protect him from a lurking crocodile. Then he must climb a ladder to the next level, where he has to fell a number of trees in his path. As he does this a marauding ape appears from the left of the screen and steals his axe! So back to the start for another axe and more problems with the crocodile! And the ape! Having hacked a path through the forest he may climb another ladder to level three where he has to leap a pit of flames by grabbing a swinging rope. Will he ever escape back to the city? Can he jump the chasm that suddenly opens before him just as he is about to reach home? A highly amusing game with delightful graphics suited to all members of the family – but very frustrating and addictive.

SPECTRUM VERSION £5.50

MAIL ORDER

ORIC £6.95 SPECTRUM £5.50
Price includes postage and packing

TYPE OF COMPUTER: .....
CASSETTE TITLES:
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2).....
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Overseas customers please allow £1.00 extra

Spectrum

GAMES

CENTROPODS			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.99	F'MT	Ca
SUP'R	Rabbit Software, 380 Station Road, Harrow, Middx.		
RET'R	SC BO CU CA DX LA SM RU		
NOTES	None		

A field of mushrooms, red spiders and a centipede. Destroy the centipede, which breaks up into different segments and goes off in different directions.

CHAMPIONS!			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Peaksoft, 7 Hawthorn Crescent, Burton-on-Trent.		
RET'R	AA and others		
NOTES	None		

Football Management game. Take your club from the 4th Division to the European Cup. Four Divisions, promotion, relegation, transfers, weekly results and League Tables, injuries, suspensions, etc.

CHESS			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£7.95	F'MT	Ca
SUP'R	Psion Ltd., 2 Huntsworth Mews, Gloucester Place, W1.		
RET'R	AA SC SM MZ		
NOTES	None		

Choose colour you want to play, select level of skill. The high-resolution chessboard and pieces are arranged in a row and column system. Can request computer to make alterations.

CHESS			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£8.45	F'MT	Ca
SUP'R	Artic Computing, Main Street, Bransburton, Driffield, Humberside.		
RET'R	SM BO GE		
NOTES	None		

Seven levels with response times from two seconds to five minutes.

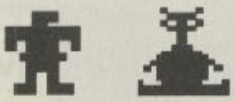
CHALLENGE			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Temptation Software Ltd., 27 Cinque Ports Street, Rye, Sussex.		
RET'R	AA and others		
NOTES	None		

Two games. Master-Code Deluxe: Shows the success or failure of your logic or intuition. Two skill levels. Higher and Lower: Will the next card be higher or lower and win the money?

CHICKEN!			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.50	F'MT	Ca
SUP'R	Durell Software, Castle Lodge, Castle Green, Tauton.		
RET'R	AA & others		
NOTES	None		

COLOUR CLASH			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.99	F'MT	Ca
SUP'R	Romik Software Ltd., 272 Argyll Ave., Slough.		
RET'R	AA & others		
NOTES	None		

You take on the role of a paint brush, to rid the world of the alien pots who have invaded earth with their ghastly colours. Four progressive phases.



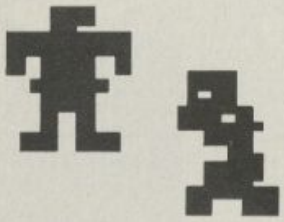
COMPUTER SCRABBLE			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£15.95	F'MT	Ca
SUP'R	Psion Ltd., 2 Huntsworth Mews, Gloucester Place, London W1.		
RET'R	AA SC SM MZ		
NOTES	None		

Vocabulary of over 11,000 words. Up to 4 players. 4 levels of skill, scoreboard, record of tiles left, full-size moving letter tiles.

CONFRONTATION			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	M. C. Lothlorien, 56a Park Lane, Poynton.		
RET'R	MZ and others		
NOTES	None		

Graphics war game for modern warfare for two players. Enables you to design own scenario's or air and ground combat or use the Modern European scenario contained on this tape.

COOKIE			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.50	F'MT	Ca
SUP'R	Ultimate Play The Game, The Green, Ashby de la Zouch, Leicestershire.		
RET'R	SM BO LA MZ SC and others		
NOTES	Compatible with Kempston and Cursor controlled joysticks.		



CORRIDORS OF GENON			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	New Generation, The Brooklands, 15 Sunnybank, Lyncombe Vale, Bath.		
RET'R	BO MZ HM SC JL DE TE SM		
NOTES	None		

Your task is to reach the centre and break the computers code avoiding Bogul(s), and then return through the 3D corridors with opening and closing doors. Three levels of difficulty.

COSMIC DEBRIS			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Artic Computing, Main Street, Brandesburton, Driffield.		
RET'R	SM BO GE and others		
NOTES	None		

You find yourself in an alien asteroid belt. To survive, you must blast the asteroids to powder with your laser to avoid collision.

COSMIC RAIDERS			
MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Mikro-Gen, 24 Agar Crescent, Bracknell, Berks.		
RET'R	AA		
NOTES	None		

Loosely based on the arcade game 'Defender', but has many unique features. The game makes full use of the Spectrums colour, sound and hi-resolution capabilities.

CREEPY CRAWLER			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Mikro-Gen, 24 Agar Crescent, Bracknell, Berks.		
RET'R	AA		
NOTES	None		

A giant centipede weaves through mushroom forest intent on destroying you. He has help from a rampant spider and a bug, both laying more mushrooms. One or two player game.

CRUISE ATTACK			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Mikro-Gen, 24 Agar Crescent, Bracknell, Berks.		
RET'R	AA		
NOTES	None		

Your city is under attack from alien forces. All you can see are their bomb trails and torpedos. Fire a limited number of missiles. Realistic explosions. Fast graphics.

CRUISING ON BROADWAY			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Sunshine Books, 12/13 Litt e Newport Street, London.		
RET'R	SM and others		
NOTES	None		

Series of screen grid layouts. Move yourself rapidly round the grids, avoiding chaser. After each sequence the chaser speeds up — after the first full sequence two chasers appear. Only one life.

Spectrum GAMES

CYBER RATS			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Silversoft Ltd., London House, 271/273 King St., London, W6.		
RET'R	SM BO MZ LA		
NOTES	Kempston/AGF joystick option		

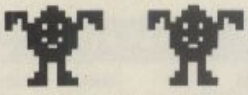
Centipede style arcade game. Outsmart wave after wave of metallic cyber rats. Progressive cifficulty, two-player option, hi res graphics. Plus purple killer rats.

CYBOTRON			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Norm
SUP'R	Micromania, 14 Lower Hill Road, Epsom, Surrey.		
RET'R	AA		
NOTES	None		

Based on the arcade game. Shoot all the robots before they get you.

CYRUS-IS-CHESS			
MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£9.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Road, Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

8 skill levels, quick cursor movement of pieces and 'replay' and 'take back' facilities — in case you've analysed a move and had second thoughts! Chess opening moves to learn.



DEATH'S HEAD HOLE			
MEM	32K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.45	F'MT	Ca
SUP'R	Peaksoft, 7 Hawthorn Crescent, Burton-on-Trent.		
RET'R	AA and others		
NOTES	None		

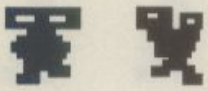
Simulation of exploits of cave rescue team.

DEFFENDAR			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Mikrogen, 24 Agar Crescent, Bracknell, Berks.		
RET'R	AA		
NOTES	None		

Earth is being attacked by mutant aliens who try to abduct many humans. They have grabber ships and defence ships which you must destroy as well as the mother ships

DEFUSION			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.50	F'MT	Ca
SUP'R	Lyndenhurst Ltd., 38 Ashley Road, London.		
RET'R	AA and others		
NOTES	Compatable with Kempston Joystick		

All those time bombs to defuse and so little time to do it. Don't get caught by chasing boots either. Game becomes harder as time goes on.



DERBY DAY			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Computer Rantals Ltd., 140 Whitechapel Road, London E1.		
RET'R	AA		
NOTES	None		

For up to five players. There are 7 races in a meeting. Players can bet on any horse they wish. After betting a full graphic race is run.

DESTROYER			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.50	F'MT	Ca
SUP'R	Impact Software, 70 Redford Avenue, Edinburgh.		
RET'R	AA and others		
NOTES	None		

DIMENSION DESTRUCTORS			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Artic Computing, Main Street, Bransburton, Driffield, N. Humberside.		
RET'R	SM BO GE		
NOTES	None		

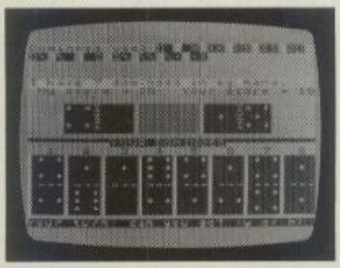
Suddenly from the lonely but peaceful reaches of the vast unexplored regions of outer space, a dot appears on the scanner screen of your fighter.

DODGE CITY			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	Phoenix Software Ltd., 116 Marsh Rd., Pinner, Middx.		
RET'R	AA		
NOTES	None		

As a Pony Express rider you deliver the mail to Dodge City and then prove that you didn't murder the deputy.

DOMINOES			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Micromega, Quantec Systems & Software Ltd., 230-236 Lavender Hill, London.		
RET'R	MZ GC and others		
NOTES	None		

User plays against the computer. Graphics of table in play and user's hand. Winner is first to use all dominoes, or one who uses most before stalemate.



DOMINOES			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Phipps Associates, 172 Kingston Road, Ewell, Surrey.		
RET'R	AA and others		
NOTES	None		

Full implementation of the 3/5 scoring game where you play against the computer. The larger memory provides a more demanding strategy.

DOOM BUGS			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.50	F'MT	Ca
SUP'R	Work Force, 140 Wilsden Ave., Luton, Beds.		
RET'R	AA		
NOTES	None		

Trapped in the Grubbers lair our hero Tarant Tula searches frantically for a way out. TT's only hope is to eat the honey and gain strength to escape.

DO NOT PASS GO			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Work Force, 140 Wilsden Ave, Luton, Beds.		
RET'R	AA		
NOTES	None		

Simulation of board game. For up to six players, with following options, list, mortgage, buy, sell, houses, unmortgage, quit, tape and reset.

DREADNOUGHTS			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	M. C. Lothlorien, 56a Park Lane, Poynton.		
RET'R	MZ and others		
NOTES	None		

Two player World War I naval wargame. Secret moves for each player. Hunt the enemy fleet and engage with main, secondary armaments and torpedoes, choosing targets and game objectives.

DUNGEONS OF DOOM			
MEM	48K	BAUD	Norm
COL	N	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Temptation Software Ltd., 27 Cinque Ports Street, Rye, Sussex.		
RET'R	AA and others		
NOTES	None		

Two adventures — to seek or escape. Graphics show position — status reports — different layout with each game. 4 players search levels and race for success or survival. 400 rooms, 600 corridors. Objective: score highest points and kill monsters or collect treasure.

Spectrum

GAMES

EARTH DEFENCE

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Artic Computing, Main Street, Bransburton, Driffield, N. Humberside.		
RET'R	SM BO GE		
NOTES	None		

Defend your cities against enemy nuclear missiles.

EMBASSY ASSAULT

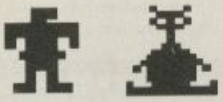
MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Road, Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

As the nation's top agent, you must acquire top-secret codes from the strongroom of a foreign embassy, its layout is unknown. Success of mission depends on your instincts and speed.

EMPIRE

MEM	38K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.50	F'MT	Ca
SUP'R	Work Force, 140 Wilsden Avenue, Luton, Beds.		
RET'R	AA		
NOTES	None		

Simulation of board game.



ESCAPE MCP

MEM	Unex	BAUD	300
COL	Y	SOUND	Y
COST	£5.99	F'MT	Ca
SUP'R	Rabbit Software Ltd., 380 Station Road, Harrow.		
RET'R	SC BO CU CA DX LA SM RU		
NOTES	None		

Comprehensive maze game based on the film Tron. The idea is to reach the master control program. To achieve this you must collect several items on route. Has 10 levels.

ELEKTRO STORM

MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	PSS, 452 Stoney Stanton Road, Coventry.		
RET'R	BO MZ MI PM LA SM LS, PC		
NOTES	None		

Earth is under attack from waves of intergalactic missiles — your mission is to blast them out of the sky with laser cannon before the whole human race is wiped out.

EXTERMINATOR

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Silversoft Ltd., London House, 271/273 King Street, Loncon W6.		
RET'R	SM BO MZ LA		
NOTES	Kempston/Protek Joystick option.		

Based on 'Robotron'. Your exterminator has to move around the screen collecting the last members of the human race. Destroying the robots as he goes. Watch out for the brains.

FAMOUS BLAST WORDS

MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Longman Group Ltd., Burnt Mill, Harlow, Essex.		
RET'R	AA		
NOTES	None		

Word game with dictionary to validate entries.

FIREBIRDS

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Softek International Ltd., 12/13 Henrietta Street, Covent Garden, London WC2.		
RET'R	AA		
NOTES	None		

Devron rule supreme. An evil force in a universe almost devoid of good, the Devron send forth their Firebirds to destroy your last outpost of mankind.

FLIGHT SIMULATION

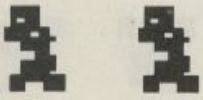
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£7.95	F'MT	Ca
SUP'R	Psion Ltd., 2 Huntsworth Mews, Gloucester Road, London W1.		
RET'R	AA SC SM MZ		
NOTES	None		

You are the pilot of a light aircraft. Taxi down the runway, increase throttle, use the joystick controls to lift the airplane nose up . .

FOOTBALL MANAGER

MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Addictive Games, Albert House Albert Road, Bournemouth.		
RET'R	SM BO MZ and others		
NOTES	None		

Football management game. Player manages his own team through league and cup matches. Features 3D graphics, match action, 4 divisions, league and cup matches, promotion, relegation, team selection, etc.



FROGGER

MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.99	F'MT	Ca
SUP'R	Rabbit Software, 380 Station Road, Harrow, Middx.		
RET'R	SC BO CU CA DX LA SM RU		
NOTES	None		

You control a frog which has to reach its home but to do so he has to cross a very busy road then swim a river dodging logs, crocodiles, etc.

FROG S/SHOWDOWN

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Arctic Computing, Main Street, Bransburton, Driffield, N. Humberside.		
RET'R	SM BO GE		
NOTES	Two programs		

GALACTIC ABDUCTORS

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5 95	F'MT	Ca
SUP'R	Anirog Software Ltd., 29 Westhill, Dartford, Kent.		
RET'R	AA		
NOTES	None		

Arcade style game with large animated graphics demanding skill and concentration. Hawk-like creatures swoop in to abduct your population. You must shoot them down to survive. Pods contain deadly homing mines.

GALACTIC PATROL

MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£5 95	F'MT	Ca
SUP'R	Computer Rentals Ltd., 140 Whitechapel Road, London E1		
RET'R	AA		
NOTES	None		

Destroy as many Klingons as possible while heading for the starbase to refuel. 9 speed levels, 9 difficulty levels and 9 game lengths giving 8/9 level permutations.

GALACTIC TROOPER

MEM	Urex	BAUD	Norm
COL	Y	SOUND	Y
COST	£5 99	F'MT	Ca
SUP'R	Romik Software Ltd., 272 Argyll Avenue, Slough.		
RET'R	AA and others		
NOTES	None		

The object of the game is to destroy the Galactic Attack Force and stop them landing on Earth in their landing craft.

GALAZY ATTACK

MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Sunshine, 12/13 Little Newport Street, London.		
RET'R	SM and others		
NOTES	None		

Lengthy three part game. Mixture of arcade, graphic adventure techniques. Six minute battle over planet, graphic landing operation, then adventure sequence against Walkers on planet. Complicated controls to master.

Spectrum

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GALAKZIONS			
MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Mikro-Gen, 24 Agar Crescent, Bracknell, Berks.		
RET'R	AA		
NOTES	None		

The Galakzion force will initially fly over in a straight attack formation, but stay alert for the Galakzions will break formation and dive at you in an incredible attack pattern.

GAMES 1			
MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Road, Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

Martian Knock-out, Racetrack, Labyrinth, Skittles. Martian Knock-out use your rockets wisely to save Earth! Racetrack — keep your car on the track as it appears — or crash! Labyrinth — dodge guards to reach tresure at the heart of a maze. Skittles — 30 skittles, and just 6 balls to knock them over!

GAMES OF STRATEGY			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5	F'MT	Ca
SUP'R	C.C.S. Ltd., 14 Langton Way, London.		
RET'R	ME		
NOTES	None		

Five board games for two or more players which appeal to all ages as the games require a mixture of skill and luck.

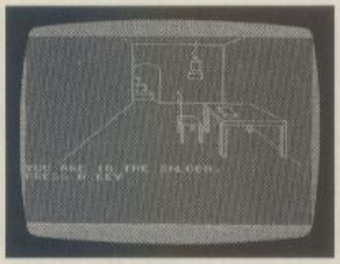
GAMES PACK			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.50	F'MT	Ca
SUP'R	Impact Software, 70 Redford Ave., Edinburgh		
RET'R	AA & others		
NOTES	None		

GANGSTERS			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6	F'MT	Ca
SUP'R	C.C.S. Ltd., 14 Langton Way, London.		
RET'R	GE ME		
NOTES	None		

Based on prohibition days in USA. Control the city with your gang. From your 'businesses' bribe the police, put out contracts on your rivals. If crime pays you stay alive!

GHOST TOWN			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Virgin Games Ltd., 61/63 Portobellow Road, London W11.		
RET'R	AA SM BO MZ DX GA PM		
NOTES	None		

Adventure game set in a deserted town. Players task is to find gold mine and return to town square with hidden gold.



GHOST'S REVENGE			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Micromania, 14 Lower Hill Road, Epsom, Surrey.		
RET'R	AA		
NOTES	None		

A maze chaser game for the Spectrum. Full features of the arcade game. Operation from keyboard, AGF, Kempston joysticks.

GOBBLEMAN			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Artic Computing Ltd., Main St., Bransburton, Driffield. N. Humberside.		
RET'R	SM EO GE		
NOTES	None		

You find yourself in a haunted maze, doomed to roam until you are eaten alive by the occupants — a pack of hungry ghosts. To survive you must eat the food.

GOLF			
MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£7.95	F'MT	Ca
SUP'R	Virgin Games Ltd., 61/63 Portobellow Road, London, W1.		
RET'R	AA SM BC MZ DX GA PM		
NOTES	None		

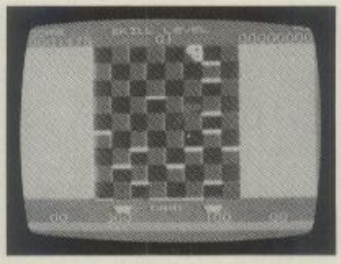
Championship Golf for up to 4 players using standard rules of the game.

GOLF			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Lyversoft, 66 Lime Street, Liverpool.		
RET'R	AA		
NOTES	None		

9 or 18 hole course. Full set of clubs. Shows the par for the hole, player selects his club strength and direction of shot. Green and fairway display is given.

GOLD RUSH			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Thorn EMI Video Ltd., Upper Street, Martin's Lane, London WC2.		
RET'R	BO CU DX GA LA and others		
NOTES	Joystick or keyboard control.		

Catch gold nuggets which rain down into a bottomless cavern in two immovable buckets. Build ledges to deflect the gold into the buckets, but watch out for the cavern's demons.



GO TO JAIL			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.00	F'MT	Ca
SUP'R	Automata UK Ltd., 27 Highland Road, Portsmouth, Hants.		
RET'R	AA and others		
NOTES	None		

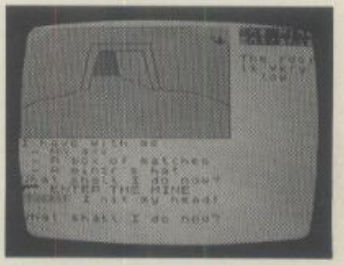
A definitive version of the board game. Up to 5 players, including the computer. Large scale moving board, save game facility.

GRAND NATIONAL			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Computer Rentals Ltd., 140 Whitechapel Rd., London.		
RET'R	AA		
NOTES	None		

A horseracing game with hurdles. Fully graphics. Players can bet with the computer. Final stretch of the race is slow motion with a photo finish at the winning post.

GREEDY GULCH			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Phipps Associates, 172 Kingston Road, Ewell, Surrey.		
RET'R	AA and others		
NOTES	None		

An adventure for the novice which combines split-screen graphics and scrolling text window. An old deserted mining town holds all the clues to find a lost gold mine.



GRIDRUNNER			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Quicksilva Palmerston Park House, 13 Palmerston Rd., Southampton.		
RET'R	AA		
NOTES	None		

Arcade type game.

Spectrum GAMES

GRID RUN AND PONTOON

MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.50	F'MT	Ca
SUP'R	Arcade Software Ltd., Technology House, 32 Chislehurst Road, Orpington, Kent.		
RET'R	AA and others		
NOTES	None		

Grid Run: Bonus care every 10,000 points; 'Famous Five', Hall of Fame. Enemy gets taster and meaner, so do you! 'Hold' feature. Pontocn: Graphical representation of King, Queen, Jack. Analysis of results and intelligent play of Aces in hand.

GRIDRUNNER

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Salamander Software, 17 Norfolk Road, Brighton.		
RET'R	QU		
NOTES	Joystick required		

Orbiting solar power station known as Grid has been invaded by Droids intent on subjugation of earth. Combat these Droids with a manoeuvrable ship.

GROUCHO

MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£8.00	F'MT	Ca
SUP'R	Automata UK Ltd., 27 Highland Road, Portsmouth, Hants.		
RET'R	AA and others		
NOTES	None		

Humour, cartoons, mus c and lateral thinking with a prize of a :rip to Hollywood to meet the world-famous star hidden in the program, by Concorde and QE2.

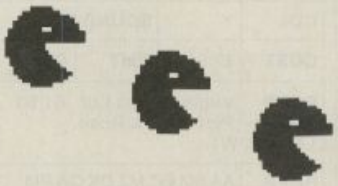
HANDICAP GOLF

MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Computer Ren:als, 140 Whitechapel Road, London E1.		
RET'R	AA		
NOTES	None		

An animated 3D simulation of 18 hole golf course with a caddie and a full selection of clubs. There is also a close up of the green.

HARRIER ATTACK

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.50	F'MT	Ca
SUP'R	Durell Software, Castle Lodge, Castle Green, Taunton.		
RET'R	AA and others		
NOTES	None		



GULPMAN

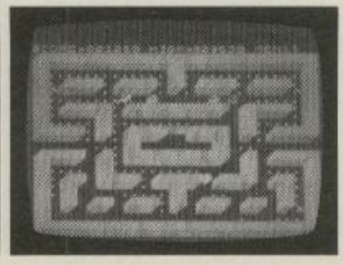
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Micromega, Quantec Systems & Software Ltd., 230-236 Lavender Hill, London.		
RET'R	MZ GC and others		
NOTES	None		

All m/c maze-chase with fifteen mazes, four chasers, player equipped with limited laser supply to fend off, but not kill, chasers. User-selectable speed and difficulty. Self-play demonstration mode.

HAUNTED HEDGES

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Micromega, Quantec Systems & Software Ltd., 230-236 Lavender Hill, London.		
RET'R	BO GC and others		
NOTES	None		

3D overhead-perspective maze. Player is chased by ghosts while collecting points. Chase ghost with ice-picks. Collecting all points restarts maze a higher speed. Keys and chase intelligence selectable.



HEATHROW ATC

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Hewson Consultants Ltd., 60a St. Marys Street, Wallingford, Oxon.		
RET'R	AA BO MZ HM MA FE		
NOTES	Full title: Heathrow Air Traffic Control		

Simulating the task of an Air Traffic Controller. Seven levels of play including a demonstration mode. Incorporating radio messages, restricted airspace, mixed aircraft, vortex spacing, radar and stack display etc.

HORACE AND THE SPIDERS

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Psion Ltd., 2 Huntsworth Mews, Gloucester Place, London W1.		
RET'R	AA SC SM MZ		
NOTES	None		

Guide Horace on the hazardous journey to the cobwebbed house full of poisonous spiders. Kill all the spiders, and a new web appears . . . with even more spiders to catch.

HORACE GOES SKIING

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Psion Ltd., 2 Huntsworth Mews, Gloucester Place, London W1.		
RET'R	AA SC SM MZ		
NOTES	None		

Ski downhill, avoid the trees, and slalom between flags. If you miss flags, you'll lose points. If you crash, navigate the road again for more skis!

INVADERS

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Artic Computing, Main St., Bransburton, Driffield, N. Humberside.		
RET'R	SM BO GE		
NOTES	None		

The planet Earth once more is being invaded by Alien forces. You must fight to the death to protect your threatened planet.

INVASION FORCE

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Artic Computing, Main St., Brandesburton, Driffield.		
RET'R	SM BO MZ & others		
NOTES	None		

JACKPOT

MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Computer Rentals Ltd., 140 Whitechapel Rd., London		
RET'R	AA		
NOTES	None		

The program is a full simulation of a modern fruit machine, with a feature box, nudge, gamble winnings, gamble nudges and hold.

I'M IN SHOCK

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Artic Computing, Main St., Bransburton, Driffield, N. Humberside.		
RET'R	SM BO GE		
NOTES	None		

Beat-up Earthlings must fight the enemy.

JET PAC

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.05	F'MT	Ca
SUP'R	Ultimate Play The Game, The Green, Ashby de la Zouch, Leicestershire.		
RET'R	SM BO LA MZ SC and others		
NOTES	Compatible with Kempston joysticks.		

Jet Pac is a new concept in space games. The game comprises of 16 waves of aliens, with 4 completely different spaceships to assemble, each comprising 3 individual sections.

Spectrum GAMES

JERICO 2 / FARMER HORACE			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Elephant Software, 41 Haymill Road, Burnham, Berks.		
RET'R	AA and others		
NOTES	None		

Jerico 2. An interactive text adventure set around the walls of Jerico, your prize the long lost H.

Farmer Horace. An exciting run of ten years as the Farmer. Take up where Horace left off, and don't starve the workers.

JIGSAW			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Artic Computing Ltd., Main St, Bransburton, Driffield, N. Humbersids.		
RET'R	SM BO GE		
NOTES	None		

A choice of two pictures are shuffled and you must piece them together to complete the jigsaw. There are several levels to choose from.

JOKERS WILD			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	Phoenix Software Ltd., 116 Marsh Road, Pinner, Middx.		
RET'R	AA		
NOTES	None		

All the fear of the fair. A real time action game that gives you the clues needed to solve the graphical adventure that takes place in a three ring circus.

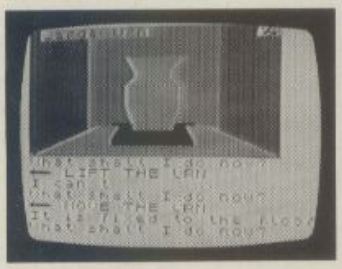
JUNGLE TROUBLE			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.50	F'MT	Ca
SUP'R	Durell Software, Castle Lodge, Castle Green, Taunton.		
RET'R	AA and others		
NOTES	None		

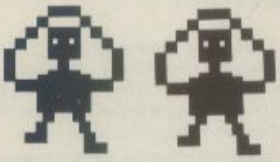
JOHNNY REB			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.50	F'MT	Ca
SUP'R	M. C. Lothlorien, 56a Park Lane, Poynton SK12 1AE		
RET'R	MZ and others		
NOTES	None		

All graphics war game set in American Civil War for 1 or 2 players. Select cavalry, infantry, artillery and capture enemy flag. Plays differently each time. With game save facility.

KNIGHT'S QUEST			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Phipps Associates, 172 Kingston Road, Ewell, Surrey.		
RET'R	AA and others		
NOTES	None		

A classic adventure which uses split-screen colour graphics and scrolling text window. You are a Knight of Camelot set on a journey to recover Merlin's lost treasures.





KNOCKOUT			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Mikro-Gen, 24 Agar Crescent Bracknell, Berks.		
RET'R	AA		
NOTES	None		

No aliens, lasers or space ships! We have produced this for people who just want simple but absorbing fun. Up to 4 players or play against your Spectrum.

KNOT IN 3D			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	New Generation, The Brooklands, 15 Sunnybank, Lyncombe Vale, Bath.		
RET'R	BO MZ HM SC JL DE TE SM		
NOTES	None		

Quick reactions are required as you hurtle through a void, leaving trails behind you. Avoid these trails and up to four chasers before you finally get caught in the knot.

KONG			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Anirog Software Ltd., 29 Westhill, Dartford, Kent.		
RET'R	AA		
NOTES	None		

The arcade version for the Spectrum with four screens featuring the lift, rolling barrels and fireballs. All is designed to thwart your rescue attempts.

LAND OF SATAN			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Mikro-Gen, 24 Agar Crescent, Bracknell, Berks.		
RET'R	AA		
NOTES	None		

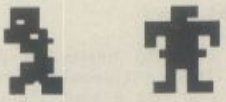
Find the staff of health in one of the castles or the tower of Marken. No novice will find it! Encounter many opponents and items vital to your quest.

LUNAR RESCUE			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Liversoft, 66 Lime Street, Liverpool.		
RET'R	AA		
NOTES	Will take Fuller Sourdbox, Kempson Joystick		

A Spectrum version of the VIC 20 game. Where you have to pilot a rescue pod to the moons surface through a meteor storm, pick up marooned scientists and return.

LAST SUNSET FOR LATTICA			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.50	F'MT	Ca
SUP'R	Arcade Software Ltd., Technology House, 32 Chislehurst Rd., Orpington, Kent.		
RET'R	AA and others		
NOTES	None		

Set in real time, a highly complex maze with over 100 locations and three different levels. Find and defuse a bomb, destroying a mere 600 androids along the way.



LAS VEGAS			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Temptation Software Ltd., 27 Cinque Ports Street, Rye, Sussex.		
RET'R	AA and others		
NOTES	None		

Two games. Fruit Machine: Includes features such as 'nudge', 'hold', 'gamble'. Spin the symbols — win or lose with true percentage payouts. Black Jack: Break the bank with a five card trick. Score as near to 21 as possible.

LIBERATOR			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Liversoft, 66 Lime Street, Liverpool.		
RET'R	AA		
NOTES	None		

You control a gunsight on a spaceship and have radar and damage indicator. As you direct, you gun and destroy attacking craft.

LIGHT CYCLE			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	PSS, 452 Stoney Stanton Road, Coventry.		
RET'R	BO MZ MI PM LA SM LS PC		
NOTES	None		

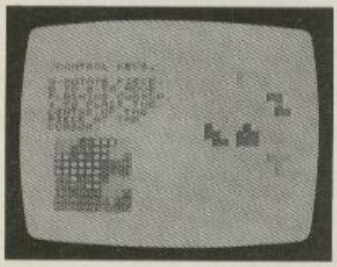
Race your Light Cycle against the computer or another player on the treacherous grid. Features: super fast light cycles, laser trails, rom towers, sound effects, colour, variable game speeds.

Spectrum

GAMES

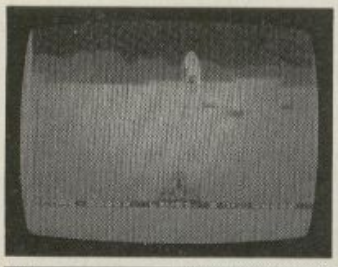
LOJIX			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Virgin Games Ltd., 61/63 Portobellow Road, London, W11.		
RET'R	AA SM BO MZ DX GA PM		
NOTES	None		

An intriguing intellectual puzzle. Virgin Games will place 50p from each game sold into a bank account — solver of puzzle wins all the money.



LUNA CRABS			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Micromega, Quantec Systems & Software Ltd., 230-236 Lavender Hill, London.		
RET'R	BO GC and others		
NOTES	None		

3D animated creatures surround and attack you. Aim, control missile flight and avoid their fire using 360-degree horizontal scroll. Fifteen crabs per wave with bonus if destroyed.



LOST			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Virgin Games Ltd., 61/63 Portobellow Rd, London, W11.		
RET'R	AA SM BO MZ DX GA PM		
NOTES	None		

Player is lost in a clearing surrounded by a forest and mountains with 5 days supply of food and water.

LUNAR JETMAN			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.50	F'MT	Ca
SUP'R	Ultimate Play The Game, The Green, Ashby de la Zouch, Leicester.		
RET'R	SM BO LA MZ SC & others		
NOTES	Compatible with Kempston & Cursor controlled joysticks		

A fully interactive G.A.S. (Graphic Arcade Simulation) adventure featuring the jet pac man in lunar rescue mission Lunar Jetman a sequel to Jet Pac.

MAD MARTHA			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Mikro-Gen, 24 Agar Crescent, Bracknell, Berks.		
RET'R	AA		
NOTES	None		

Gambling on the roulette table Henry is attacked by his wife — Mad Martha — who is after him with an axe.

MAD MARTHA II			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Mikro-Gen, 24 Agar Crescent, Bracknell, Berks.		
RET'R	AA		
NOTES	None		

Sequel to Mad Martha. You are holidaying in Spain. Your wife Martha and son have taken a coach tour. Martha's wacky Spanish cousin Manuel is a waiter keeping an eye on you.

LOST

MAGIC MOUNTAIN			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Phipps Associates, 172 Kingston Road, Ewell, Surrey.		
RET'R	AA and others		
NOTES	None		

A classic adventure using split screen colour graphics and scrolling text window. You enter the mountain in order to recover the sorcerer's scroll of wisdom.

MAGIC WORM			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Lyndenhurst Ltd., 38 Ashley Road, London.		
RET'R	AA and others		
NOTES	None		

Guide Magic Worm through seven different screens on his journey to the secret cavern. Key buttons used are A-up, Z-down, N-left, M-right.

MANIC MINER			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Bug-Byte Ltd., Mulberry House, Canning Place, Liverpool.		
RET'R	SM BO LA DX RU MZ CU SC		
NOTES	None		

An amazing game in which you have to guide Miner Willy through 20 caverns and up to the surface while avoiding nasties such as Eugene, telephones, and snapping toilets!

MAZE CHASE			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Hewson Consultants Ltd., 60a St. Mary's Street, Wallingford, Oxon.		
RET'R	AA SC		
NOTES	None		

Includes power pils, magic strawberries and lemons. Four guardians. Eat a magic strawberry and deactivate the guardians. Temporarily you can devour them and score bonus points.

MAZE DEATH RACE			
MEM	48K	BAUD	Norm
COL	N	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	PSS, 452 Stoney Stanton Road, Coventry.		
RET'R	BO MZ MI PM LA SM LS PC		
NOTES	None		

Drive around a maze 32 times the size of the screen — knock out the flags and pick up points — beware the other cars, rocks, oil and ice — they are deadly!

MAZEMAN			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Abersoft, 7 Maes Afallen, Bow Street, Dyfed.		
RET'R	SM		
NOTES	None		

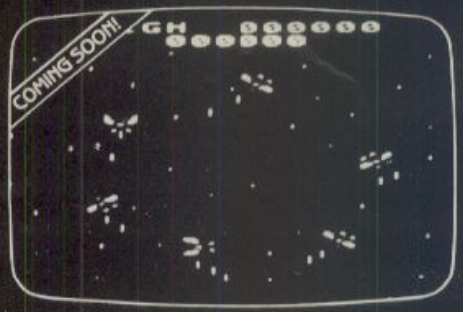
Maze chase game.

MEGAPEDE			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Softek International Ltd., 12/13 Henrietta St., Covent Garden, London.		
RET'R	AA		
NOTES	None		

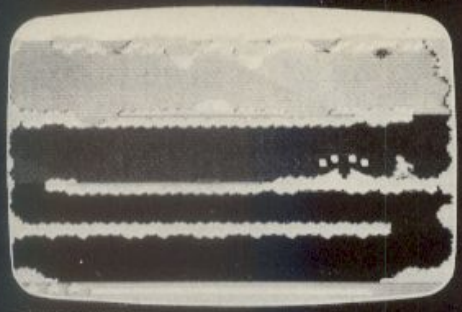
No matter how much I blasted away parts of Megapede's body, the other parts took on life of their own and relentlessly moved onwards towards me.

METEOROIDS			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Softek International Ltd., 12/13 Henrietta St., Covent Garden, London.		
RET'R	AA		
NOTES	None		

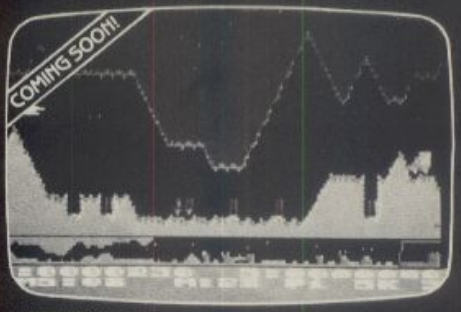
It features full colour Meteoroids, fast and smooth action play, three sizes of Meteoroid Hyperspace, wrap-around screen, mothership. Works with the Kempston joystick.



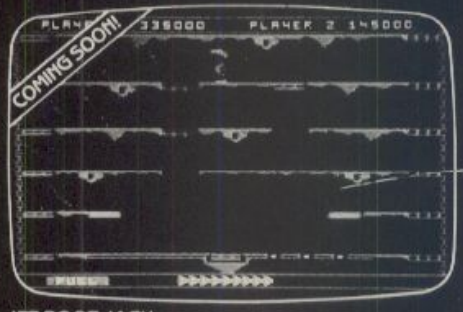
HYPERBLAST 16K by John Brierley
Simply the best arcade-action game ever written in 16K! Defend your Atari against 10 waves of the most awesome creatures ever to inhabit your TV screen!



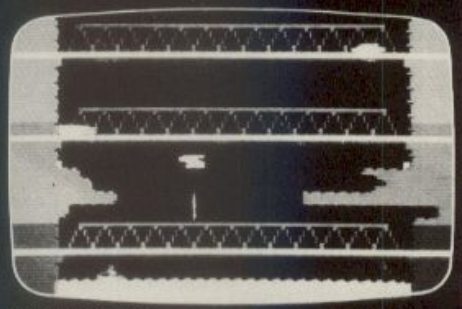
CAVERUNNER 32K by Martin Cawley
It's a leap and a bound through dangerous waterfalls, across exploding volcanoes, braving sticks and stones after the prizes of a lifetime!



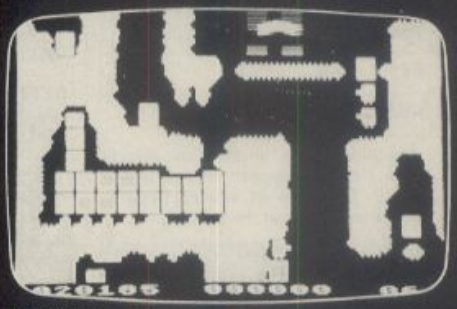
AIRSTRIKE 2 16K by Steve Riding
The new version with incredible graphics and joystick bomb control! English Software's best scrolling game ever!



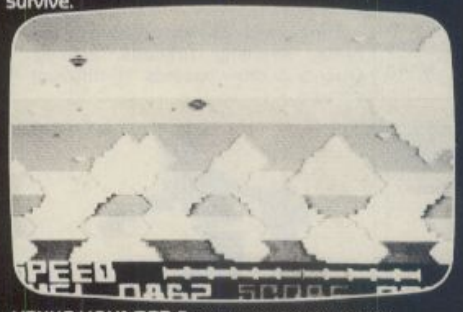
JET BOOT JACK 16K by Jon Williams
You are our intrepid hero, jetting along infested caverns, climbing moving elevators and more...much more! Ten screens to conquer, you'll need the will to survive.



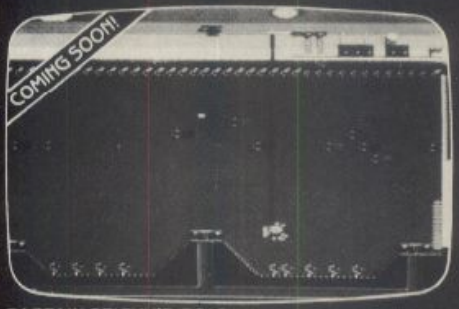
KRAZY KOPTER 16K by Tim Huntington
Fleeing secret agents, enemy ships and blasting cannon make Krazy Kopter the wildest game you'll ever play!



FIREFLEET 32K by Manuel D. Caballero
Pilot your space cruiser through the corridors of the unknown – avoiding cannon, forcefields and nasty little tanks! BEAUTIFUL vertical scrolling graphics!

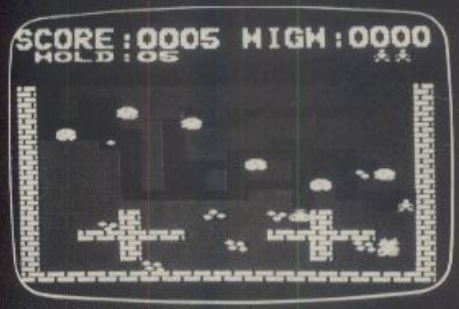


VENUS VOYAGER 2 16K by Christopher Daniel
Multiple screen lander simulation – choose your sites, avoid all the hazards and rescue your stranded comrades.

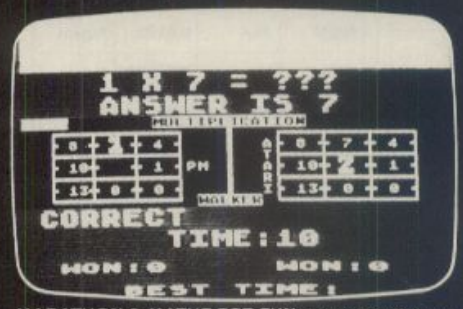


CAPTAIN STICKY'S GOLD 16K by Steve Riding
Steve's latest game sends you to the bottom of the ocean in search of lost gold, with only your harpoon to help you!

XENON RAID 32K by John Brierley
Super speed superb graphics! John's first Atari classic! Use your scout ship to attack, dock with the drone and re-energise! It's you vs. The Xenons.



DIAMONDS 16K by Simon Hunt
Join the hunt for the Great White Diamond through 16 levels to win a real diamond – full details of the Diamonds Competition with every copy!



MARATHON & MATHS FOR FUN 16K by Geoff Brown
Brilliantly conceived educational games for children/adults of all ages – see how quickly YOU can solve the problems and win the race!

JUST OUT! JUST OUT! JUST OUT!
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by Jon Williams

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Spectrum GAMES

METEOR STORM			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Quicksilva Ltd., Palmerston Pk Hse, 13 Palmerston Road, Southampton.		
RET'R	AA		
NOTES	None		

Machine code version of arcade game. Features speech, three types of meteor, two tyes of saucer, hyperspace, inertial thrust, Hi-score table.

MILLIMON			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Artic Computing, Main St., Bransburtor, Driffield, N. Humberside.		
RET'R	SM BO GE		
NOTES	None		

You control your laser base and you must shoot the caterpillar and destroy the mushrooms. Beware of the spiders. There are three levels of play with one or two player option.

MISSILE DEFENCE			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Anirog Software Ltd., 29 Westhill, Dartsfcrd, Kent.		
RET'R	AA		
NOTES	None		

Arcade game defending the earths cities against atttack. Your lazer bolts can destroy the incoming missiles. The ammunition is limited so think and shoot fast and accurately.

MISSION IMPOSSIBLE			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Silversoft Ltd., London House, 271/273 King St., London, W6.		
RET'R	SM BO MZ LA		
NOTES	Kempston joystick option		

Space rescue arcade style game. Rescue the miners trapped on the planet surface by flying through a meteor storm. Over 50 skill levels, alien space ships, force fields, h-scoring.

MICROMOUSE GOES DEBUGGING			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	M. C. Lothlorien, 56a Park Lane, Poynton SK12 1AE		
RET'R	MZ and others		
NOTES	None		

100% machine code arcade game. Micromouse is trying to complete his program and must de'end it from the marauding software bugs. Multi level screens and high score record.

MISSION MOONBASE			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	Phoenix Software Ltd., 116 Marsh Rd., Pinner, Middx.		
RET'R	AA		
NOTES	None		

Having landed on the moon you must drive your transporter to moonbase and then find the formula to stop the rocket fuel going critical and the saboteur who stole it.

MINES OF SAT/RTN TO EARTH			
MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Mikro-Gan, 24 Agar Crescent, Bracknell, Berks.		
RET'R	AA		
NOTES	Full title: Mines of Saturn/Return to Earth		

Mines of Saturn. Orbiting of Saturn, a storm forces you to land. Search for Di-Lithium crystals to refuel.

Return to Earth, you reach Earth Station 1, and find it deserted, the control room destroyed. You must alert Earth of your predicament.

MONSTER MINES			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.75	F'MT	Ca
SUP'R	Impact Software, 70 Redford Ave., Edinburgh.		
RET'R	AA & others		
NOTES	None		

MOLAR MAUL			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.50	F'MT	Ca
SUP'R	Imagine Software Ltd., Imagine House, 5 Sir Thomas St., Liverpool.		
RET'R	SM MZ BO DX & others		
NOTES	None		

Semi-educational game involving the cleaning of teeth being attacked by bacteria and sticky sweets.

MONSTERS IN HELL			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Softek International Ltd., 12/13 Henrietta St., Covent Garden, London.		
RET'R	AA		
NOTES	None		

Trapped and being chased by monsters, demons and ghouls! Each new monster seemed harder to kill than the last, but I was winning, when suddenly . . .

MOUNTAINS OF KET			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.50	F'MT	Ca
SUP'R	Incentive Software Ltd., 54 London St., Reading.		
RET'R	AA & others		
NOTES	None		

An adventure game forming part of a trilogy. Save/load position. Monetary system, interactive beings. Objectives — to find the mountain then get through the caves within.

MONTE CARLO			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Micromega, Quantec Systems & Software Ltd., 230-236 Lavender Hill, London.		
RET'R	MZ GC and others.		
NOTES	None		

Blackjack. Variation of Pontoon played against computer with graphics of table and betting. Pay-out automatic.

Craps. American dice-game. Stakes are laid and pay-outs depend on sequence of rolls. Graphics of table and hand throwing dice.

MORRIS MEETS THE BIKERS			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.00	F'MT	Ca
SUP'R	Automata UK Ltd., 27 Highlands Road, Portsmouth, Hants.		
RET'R	AA and others		
NOTES	None		

Machine code, Kempston Joystick compatible. 9 screens of play. Help our tinplate hero, from the distant constellation of Morris Minor escape from the phantom kamikaze bikers.

MR. HUNCHY			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	N
COST	£6.90	F'MT	Ca
SUP'R	Ocean Software Ltd., Ralli Buildings, Stanley St., Manchester 3.		
RET'R	SM BO MZ RU WO LA		
NOTES	None		

The hunchback has to rescue Esmaralda. Avoiding fireballs, arrows. Guards & other hazards. 16 different screens.

MULTIMATE			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.50	F'MT	Ca
SUP'R	Work Force, 140 Wilsden Ave., Luton, Beds.		
RET'R	AA		
NOTES	None		

Deductive game of logic.

MUNCHER			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Silversoft Ltd., London House, 271/273 King St., London, W6.		
RET'R	SM BO MZ LA		
NOTES	None		

Pacman-style game. Random mazes, ghosts, bonus fruits, progressive difficulty. Munch your way around the maze eating the energy dots. And the blue power pills for chasing the ghosts.

Spectrum GAMES

NAANAS			
MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Mikro-Gen, 24 Agar Crescent, Bracknell, Berks.		
RET'R	AA		
NOTES	None		

Catch falling bananas which your pet chimp is knocking down from above. But if you miss one, beware slipping up and avoid the coconuts which are also falling.

NIGHTFLITE			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Hewson Consultants Ltd., 60a St. Mary's Street, Wallingford, Oxon.		
RET'R	AA SM BO SC HM and others		
NOTES	Full title: Nightflite Flight Simulation		

Simulates flying a light aircraft at night. Joystick optional. Instruments include A/H, ALT, HDG, FL, GR, USI, WIND, DME, ADF, ILS, VOR. 10 minute flight, 5 modes including autopilot.

NOWOTNIK PUZZLE			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Phipps Associates, 172 Kingston Road, Ewell, Surrey.		
RET'R	AA and others		
NOTES	None		

The computer breaks a four-by-four square in front of your eyes — you must try to restore it.

ONE HUNDRED AND EIGHTY			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Mikro-Gen, 24 Agar Crescent, Bracknell, Berks.		
RET'R	AA		
NOTES	None		

Darts! Two players aim to score 501 and finish on a double, in a good implementation of a difficult game. Doubles, trebles, twenty-five and bull all possible.

OH MUMMY			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Gem Software (B/S) Ltd., The Maltings, Station Rd., Sawbridgeworth, Herts.		
RET'R	AA		
NOTES	None		

Your party of archeologists enter the pyramid in search of the mummies of Pharoah's household. There are 5 burial chambers containing treasure, secret scrolls, keys, royal mummies and nasty surprises.

ORB			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.00	F'MT	Ca
SUP'R	Impact Software, 70 Redford Aven., Edinburgh.		
RET'R	AA & others		
NOTES	None		

OSTRON			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Softek International Ltd., 12/13 Henrietta St., Covent Garden, London.		
RET'R	AA		
NOTES	None		

You White Knight are the sole remaining Keeper of an Ostron and Sage of the Old Lore . . . You are Man's last hope!

PANIC			
MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Mikro-Gen, 24 Agar Crescent, Bracknell, Berks.		
RET'R	AA		
NOTES	None		

Graphics and character animation are part of this game. Trapped underground with your oxygen slowly running out, you find yourself confronted by a horde of alien beings.

PARAS			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	M. C. Lothlorien, 56a Park Lane, Poynton SK12 1AE		
RET'R	MZ and others		
NOTES	None		

Two part all graphics war game. Paratoopers must destroy river bridge behind enemy lines. Choice of weapons, decide your own tactics. Long and short game versions, 10 levels of play.

PARADROIDS			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Mikro-Gen, 24 Agar Crescent, Bracknell, Berks.		
RET'R	AA		
NOTES	None		

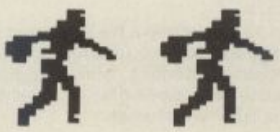
Defend the nuclear reactor against invading hordes. If they can reach it they will mutate and return to attack in greater force. A totally new game with superfast smooth graphics.

PARAGRAM			
MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£5.50	F'MT	Ca
SUP'R	Elephant Software, 41 Haymill Road, Burnham, Berks.		
RET'R	AA and others		
NOTES	None		

The board is a grid of sixteen letters of the alphabet, randomly arranged into a square. Unlike the Cube Paragram has no guarantee that it can be solved.

PHANTASIA			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.99	F'MT	Ca
SUP'R	Rabbit Software, 380 Station Road, Harrow, Middx.		
RET'R	SC BO CU DX LA SM RU		
NOTES	None		

There are two hundred different levels which consist of showers of swooping/shooting aliens which have to be destroyed by your inter-galactic space craft.



PARATROOPERS			
MEM	Unex	BAUD	300
COL	Y	SOUND	Y
COST	£5.99	F'MT	Ca
SUP'R	Rabbit Software Ltd., 380 Station Road, Harrow, Middx.		
RET'R	SC BO CU CA DX LA SM RU		
NOTES	None		

Destroy all of the passing helecopters and paratroopers with your gun post. If three or more land you become imobilised and finally destroyed by a devastating Chieftan tank.

PAT THE POSTMAN			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Mikro-Gen, 24 Agar Crescent, Bracknell, Berks.		
RET'R	AA		
NOTES	None		

Pat has to collect parcels for the mail train, but he's forgotten which houses he has to go to! Watch the Post Office burn as he runs for the fire brigade.

PHARAOHS TOMB			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Phipps Associates, 172 Kingston Road, Ewell, Surrey.		
RET'R	AA and others		
NOTES	None		

A classic adventure using split screen, colour graphics and scrolling and text window. You must attempt to steal the dead Pharaoh's treasures, avoiding all the ancient traps.

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PIMANIA			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£10	F'MT	Ca
SUP'R	Automata U.K. Ltd., 27 Highland Rd., Portsmouth, Hants.		
RET'R	AA & others		
NOTES	None		

The adventure quest followed in over 40 countries by tens of thousands of 'Pimaniacs' seeking the genuine 'Golden Sundial of Pi' valued at £6000. Humour, music, cartoons and lateral thinking.

PIRATE ISLE			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.50	F'MT	Ca
SUP'R	Work Force, 140 Wilsden Ave., Luton, Beds.		
RET'R	AA		
NOTES	None		

Forced to call on the support of a ruthless pirate to reach the Island. Unless you return with the treasure intact you will be left on the island to rot.

PLANETOIDS (WITH MISSILE)			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Psion Ltd., 2 Huntsworth Mews, Gloucester Place, W1.		
RET'R	AA SC SM MZ		
NOTES	None		

Dodge and swerve using your thrust button, turn on a planetoid . . . fire! Destroy a missile with your twin laser guns. Observe it telescopically, alter your aim with the crosshairs, fire!

POLARIS			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.00	F'MT	Ca
SUP'R	C.C.S.Ltd., 14 Langton Way, London SE3		
RET'R	ME		
NOTES	None		

Complex game of naval strategy based on a visual chart of the battle area. You command a submarine, locate and destroy the enemy without being depthcharged or hitting a mine.

POOL			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	FMT	Ca
SUP'R	Abrasco Ltd., The Grange Barn, Pikes End, Eastcote.		
RET'R	AA SC		
NOTES	None		

A realistic simulation of the game with a complete set of balls, full league facilities, and the ability to save the game. Can be played with up to eight players.

POOL			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Bug-Byte, Mulberry House, Canning Place, Liverpool 1.		
RET'R	SM BO LA DX RU MZ CU SC		
NOTES	None		

This program is an adaptation of the table game of the same name.

POWER HOUSE			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Sector Software, 41 Keats House, Porchester Mead, Beckenham, Kent.		
RET'R	AA		
NOTES	None		

Explore a world created by computers. Negotiate your way around 298 sectors, 20 fuel dumps, power houses, power drains and 2 special sectors. Program is supplied with colour printed map.

PRINT SHOP			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.00	F'MT	Ca
SUP'R	C.C.S. Ltd., 14 Langton Way, London SE3.		
RET'R	BO JL		
NOTES	None		

In 12 weeks make the profit that will stop your banker foreclosing. Work scheduling, staffing, purchasing and quoting within this time limit will test your business acumen.

PSSST			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.50	F'MT	Ca
SUP'R	Ultimate Play The Game, The Green, Ashby de la Zouch, Leicestershire.		
RET'R	SM BO LA MZ SC and others		
NOTES	Compatible with Kempston joysticks.		

Fully animated novelty game featuring various garden insects, a growing plant and leaves, three spray cans and Robbie the Robot with 5 stages of play before game repeat occurs.

PYRAMID OF REMESES			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Longman Group Ltd., Burnt Mill, Harlow, Essex.		
RET'R	AA		
NOTES	None		

Word game with dictionary to validate entries.

QUACKERS			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.99	F'MT	Ca
SUP'R	Rabbit Software, 380 Station Road, Harrow, Middx.		
RET'R	SC BO PM CU CA and others.		
NOTES	None		

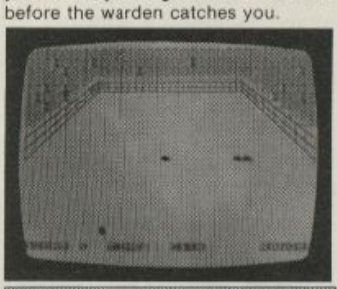
Battle against the clock to shoot down all the moving objects including ducks, bears and even 'rabbits'. Emphasis on graphics and sounds.

QUEST ADVENTURE			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Hewson Consultants Ltd., 60a St. Mary's Street, Wallingford, Oxon.		
RET'R	AA BO SC HM and others.		
NOTES	None		

An adventure game in which your quest is to locate the ancient scroll. Graphics included. Explore the dense forest, gloomy castle and mountains. Confront dwarfs, elves, dragons and centaur.

RABBIT SHOOT			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Phipps Associates, 172 Kingston Road, Ewell, Surrey.		
RET'R	AA and others.		
NOTES	None		

A novel arcade style game in which you must try to bag rabbits from a field before the warden catches you.



RACE FUN			
MEM	Urex	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.99	F'MT	Ca
SUP'R	Rabbit Software, 380 Station Road, Harrow, Middx.		
RET'R	SC BO CU CA DX LA SM RU		
NOTES	None		

You control a formula one racing car which is able to race at high speed, swerving between your competitors, cutting corners to take the best line around the circuit.

REDWEED			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.50	F'MT	Ca
SUP'R	M. C. Lothorian, 56a Park Lane, Poynton.		
RET'R	MZ and others		
NOTES	None		

All graphics war game. Manoeuvre your mechanised and infantry units around battlefield to intercept the 3 Martian tripeds. Redweed disables units. Computer controls tripeds. 15 levels of play.

RED BARON			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	M. C. Lothlorien, 56a Park Lane, Poynton.		
RET'R	MZ and others		
NOTES	None		

Graphics real time game at speed of World War I biplanes. Manoeuvre your plane, stalk your enemy, fire machine gun. Survive long enough and you will meet the Red Baron.

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QUETZALCOATL			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Virgin Games Ltd., 61/63 Portabellow Road, London W11.		
RET'R	AA SM BO MZ DX GA PM		
NOTES	None		

Player is trapped is an Aztec Temple, only means of escape is through the passages risking the vengence of the Aztec gods. Some gods help — some hinder.

RACING MANAGER			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Virgin Games Ltd., 61/63 Portobellow Road, London.		
RET'R	AA SM BO MZ DX GA PM		
NOTES	None		

Player manages a stable of ten horses. Studies best runners, form, going and distance. Player can back his selection then watch the race.

REFLECTIONS			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Artic Computing Ltd., Main St., Bransburton, Driffield, N. Humberside.		
RET'R	SM BO GE		
NOTES	None		

The objective of the game is to locate a specified number of mirrors hidden in a 12×12 grid, for the least number of points lost.

REPULSAR			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Softek International Ltd., 12/13 Henrietta Street, Covent Garden, London WC2		
RET'R	AA		
NOTES	Requires Kempston joystick.		

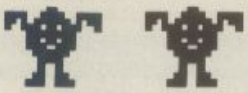
You can save the remaining fragments of the human race and all you have at your disposal s the most sophisticated Homer-Seeker Missiles man could devise and lightning reactions!

REVERSAI			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Artic Computing Ltd., Main St., Bransburton, Driffield, N. Humberside.		
RET'R	SM BO GE		
NOTES	None		

A game against the computer. Players take it in turn to place a single chip on an empty square of the board to take one or more of the opponents chips.

REVERSI			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Rd., Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

Strategic game of skill played on a square battlefield much like chess. Object: to continue capturing your adversary's pieces by moving horizontally, vertically or diagonally, until neither player can move.



RIDER			
MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Virgin Games Ltd., 61/63 Portobellow Rd., London.		
RET'R	AA SM BO MZ DX GA PM		
NOTES	None		

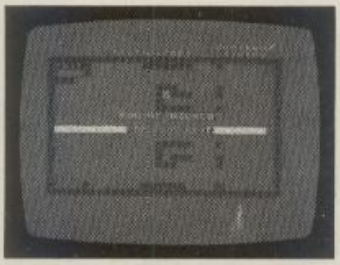
Player is an MI5 agent. Must parachute into enemy territory collect a motorbike and check out mined roads prior to invasion.

ROAD RACERS			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Artic Computing Ltd., Main St., Bransburton, Driffield, N. Humberside.		
RET'R	SM BO GE		
NOTES	None		

Drive your car around the track. Pass checkpoint flags to score points but watch your fuel and the other cars on the track. They are after you!

ROBBER			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Virgin Games Ltd., 61/63 Portobellow Road, London W11.		
RET'R	AA SM BO MZ DX GA PM		
NOTES	None		

A 3-part criminal escapade. Objective is a safe in a cungeon vault. Various tools must be collected — some invisible! — to aid player. Lots of hazards.



ROBON			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Softek Internaitonal Ltd., 12/13 Henrietta Street, Covent Garden London WC2.		
RET'R	AA		
NOTES	None		

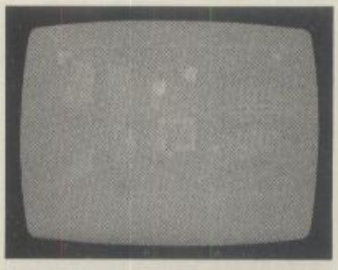
Maze of electrified fences. The Robon attacked; there is a chance if I could just hold them off with my laser.

ROMAN EMPIRE			
MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£5.50	F'MT	Ca
SUP'R	M. C. Lothlorien, 56a Park Lane, Poynton SK12 1AE		
RET'R	MZ and others		
NOTES	None		

War game to test your abilities of generalship. Build legions into armies and use these to subdue the Empire. Takes account of morale, etc.

SHEEPWALK			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Virgin Games Ltd., 61/63 Portobellow Road, London, W11.		
RET'R	AA SM BO MZ DX GA PM		
NOTES	Joystick compatible		

A sheepdog trial. Player 'rounds up' sheep into a pen, avoiding farmyard hazards.



SLAPDAB			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	ca
SUP'R	Anirog Software Ltd., 29 Westhill, Dartford, Kent.		
RET'R	AA		
NOTES	None		

Playing technique more important than speed and co-ordination. Paint an area of the screen white. Hidden paintbugs pursue and destroy you, fortunately they can only move on fresh paint!

SNOOKER			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Arctic Computing Ltd., Main Street, Bransburton, Driffield.		
RET'R	SM BO GE		
NOTES	None		

Auto-runs to display the snooker table. Scoring is fully automatic.

SOLITAIRE			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.00	F'MT	Ca
SUP'R	C.C.S. Ltd., 14 Langton Way, London SE3		
RET'R	ME		
NOTES	None		

This program represents the boardgame Solitaire. The program has the facility to replay your moves to see where you went wrong!

Spectrum GAMES

SORCERERS CASTLE			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Mikro-Gen, 24 Agar Crescent, Bracknell, Berks.		
RET'R	AA		
NOTES	None		

Specially designed for the 48K Spectrum, this exciting adventure game takes you into a world of magic and mystery. Graphical position and a host of options.

SPACE ZOMBIES			
MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Mikro-Gen, 24 Agar Crescent, Bracknell, Berks.		
RET'R	AA		
NOTES	None		

It is virtually impossible to anticipate the directions and the attack formation the Zombies will use against you. Survive the first attack and they will regroup in greater strength.

SPECTRAL PANIC			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Hewson Consultants Ltd., 60a St. Mary's Street, Wallingford, Oxon.		
RET'R	AA BO SC HM and others		
NOTES	None		

Climb ladders, dig holes, bury monsters, eat the power pill, move fast to avoid being eaten. Fast machine code action.

SPEAKEASY			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	Phoenix Software ltd., 116 March Road, Pinner, Middx.		
RET'R	AA		
NOTES	None		

A 15 ball poole game with sound and complex cue control, with 7 skill levels, that gives you the clues to an adventure with graphics.

SPEC CHESS II			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Arctic Computing Ltd., Main Street, Bransburton, Driffield.		
RET'R	SM BO GE		
NOTES	None		

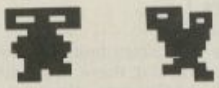
Chess game.

SPEC VOICE CHESS			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£8.95	F'MT	Ca
SUP'R	Arctic Computing Ltd., Main Street, Bransburton, Driffield.		
RET'R	S, BO GE		
NOTES	None		

Features play, analyse or load mode. Speaks to you on Spectrum's internal loudspeaker.

SPECTRA SMASH & BREAKOUT			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.99	F'MT	Ca
SUP'R	Romik Software Ltd., 272 Argyll Ave., Slough, Berks.		
RET'R	AA & others		
NOTES	None		

Flying a bi-plane over an enemy city. Destory it before you land and refuel. You have unlimited bombs, very limited fuel! Watch out for missiles!! 8 skill levels.



STARFIRE			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£7.95	F'MT	Ca
SUP'R	Virgin Games Ltd., 61/63 Portobellow Road, London W11.		
RET'R	AA SM BO MZ DX GA PM		
NOTES	None		

A game of strategy and skill. Player navigates the galaxy (allowing for energy supplies, time allowed, numbers of aliens to be destroyed) destroying alien-fighters.

STARTREK			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.00	F'MT	Ca
SUP'R	Impact Software, 70 Redford Avenue, Edinburgh.		
RET'R	AA and others		
NOTES	None		

STAR TREK			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Mikro-Gen, 24 Agar Crescent, Bracknell, Berks.		
RET'R	AA		
NOTES	None		

Mission is to defend Sirius, Aldebaran, and other systems against Klingon Attack. Runs in real time. Special Warp effects and chance of rank at the end of your mission.

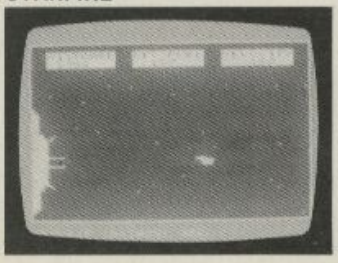
SUB CHASE			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Gem Software (B/S) Ltd., The Maltings, Station Road, Sawbridgeworth, Herts.		
RET'R	AA		
NOTES	None		

Machine code game in which you must depth charge the enemy submarines, but you only have a limited amount of depth charges. Skill levels.

SWORDFIGHT AT MIDNIGHT			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Sunshine, 12/13 Little Newport Street, London.		
RET'R	SM and others		
NOTES	None		

Simulation game. Two high resolution fencers. One can be controlled by the computer. Six different sword positions and wounds. Fight to the death. Includes saving and loading of previous games.

STARFIRE

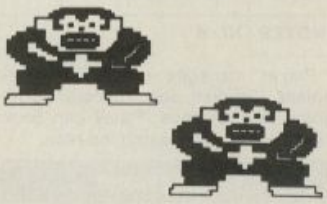


TIMEQUEST			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Mikro-Gen, 24 Agar Crescent, Bracknell, Berks.		
RET'R	AA		
NOTES	None		

An accident in warp-space spreads your capsule across aeons. Land in a new era. Face new perils. Salvage pieces of your craft.

TINY TOTS 7			
MEM	Unex.	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Arirog Software Ltd., 29 Westhill, Dartford, Kent.		
RET'R	AA		
NOTES	None		

Seven games designed to entertain and encourage the younger age group 4 to 8 years old to the computer. The graphics are large and simple and the speed of play slower than normal.



THE ALIEN MAZE			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Computer Rentals Ltd., 140 Whitechapel Rd., London, E1.		
RET'R	AA		
NOTES	None		

Game with high 3D effect and easily definable colour graphics. A maze game involving the calculation of a code; a race against time and a testing of the players memory.

THE GAMES DESIGNER			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£14.95	F'MT	Ca
SUP'R	Quicksilva, Palmerston Park House, 13 Palmerston Rd., Southampton.		
RET'R	AA		
NOTES	None		

Program for designing your own arcade games. Simple to use — no programming knowledge necessary.

HISOFT PASCAL DEVPAC

Quality ZX SPECTRUM* Software

HISOFT PASCAL 4T

"... I haven't seen any other compiler that could match Hisoft's Pascal" ... *Using the Spectrum Micro — Autumn 1983*
"This is a very impressive product ... of benefit to any Spectrum programmer ..." *David Bolton ZX COMPUTING Aug/Sept 1983*

Just two comments from full length reviews of our powerful and virtually full implementation of Standard Pascal. The advantages of using Pascal are well-known — fast, self-documenting, and above all, structured programs and now, with Hisoft Pascal, you can reap all these benefits on a wide range of home computers, including the 48K Sinclair Spectrum! Hisoft Pascal produces programs that run typically 40 times faster than equivalent ZX BASIC programs and, sometimes, up to 1,000 times faster!

Hisoft Pascal supports FOR...DO, WHILE...DO, REPEAT...UNTIL, CASE...OF, INTEGERs, REALs, CHARacters, RECORDs, POINTERs, SETs, ARRAYs etc. etc. — it is not a Tiny Pascal but a virtually full implementation of the language allowing the user to develop true high-level language skills while attaining execution speed close to that of machine code. Complete with a 70-pge manual.

Price:
Hisoft Pascal 4T (ZX SPECTRUM) £25 inclusive
(NewBrain, SHARP MZ700 etc) £35 plus VAT

HISOFT DEVPAC 3

"... DEVPAC is most highly recommended. The documentation is first class." *Your Computer May 1983*
"... if you write programs in machine code, buy DEVPAC — it is the best currently on the market." *Adam Denning, ZX SOFT in Which Micro September 1983*

Two comments from reviews of earlier versions of DEVPAC — **now** we have DEVPAC 3 available: a powerful Z80 assembler with conditional assembly, assembly from tape (to enable generation of very large code files), ORG, EQU, DEFB, DEFS, DEFW, DEFM, labels of any length — in fact all you need for fast (3,000 lines per minute) and powerful assembly programming. But it doesn't stop there: DEVPAC 3 also includes an incredible debugger/dis-assembler giving you a 'front panel' display of the Z80 system and allowing extensive debugging of your machine-code program, including single-stepping programs **EVEN IN ROM!!** Open up the secrets of low-level programming with DEVPAC 3.

Price:
Hisoft DEVPAC 3 (ZX SPECTRUM) £14 inclusive
(NewBrain) £25 plus VAT

Hisoft Pascal and DEVPAC are also available in a wide range of disk formats. Please write for details.

£££STOP PRESS★★★ Hisoft Pascal for the SPECTRUM now comes with a Turtle Graphics package allowing fast and easy production of complex graphic displays

Hisoft Pascal and DEVPAC are now available for the Sinclair ZX Microdrive. Please write for details.

HISOFT
13 Gooseacre, Cheddington
Leighton Buzzard, Beds. LU7 0SR
Tel: (0296) 668995

*and others

WHATEVER YOUR TASTE...

Crystal Computing have the adventure for you!

Halls of the Things

A stunning multi-level maze 'arcade - adventure'.
"The Game of '83"....ZX Computing.
"Excellent and dangerously addictive - could change the spectrum games scene overnight"....Sinclair User.
"Spectacular - one of the best games I've seen. The mechanics of the game are superb finely balanced between simplicity and addictiveness superb graphics and colour - I can't recommend it highly enough."
....Popular Computing Weekly.

Arcade - Adventure

The Dungeon Master

Let your Spectrum be your guide in a totally new dimension in adventures in the true spirit of traditional role playing games where you design the scenario.
"I have been a Dungeons and Dragons fan for several years - The package provides excellent entertainment for all fans of the cult and should prove a good introduction to the game."....Sinclair User.
"...really powerful - a great boon to anyone vaguely interested in D & D"....Popular Computing Weekly.

"Highly recommended for its versatility, originality and quality. Definately well worth obtaining."
....ZX Computing.

ZX Spectrum 48K
£7.50.

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NEW

The Island

The ultimate test of logic and deduction! Can you solve the hidden mysteries of the South Pacific island on which you have been stranded - and escape alive!
A brilliant classic style adventure game to fascinate and frustrate you for months!

Traditional

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Ring Chris Clarke on 061-205 6603 **NOW** for details of our excellent terms.

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Send your Software to us for a FREE professional evaluation.

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The Dungeon Master ☐
Halls of The Things ☐
Catalogue (Please enclose SAE 6in. x 9in.) ☐

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Name.....

Address.....

Goods normally despatched by return

Spectrum GAMES

THE FOREST			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
SUP'R	Phipps Associates, 172 Kingston Road Ewell, Surrey.		
RET'R	AA and others.		
NOTES	None		

Full graphic simulation of the sport of orienteering, running in realtime. Pack comes with full colour map, cassette and handbook in a plastic wallet.

THE ISLAND			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Virgin Games Ltd., 61/63 Portobellow Road, London W11.		
RET'R	AA SM BO MZ CX GA PM		
NOTES	None		

Player must locate treasure island, find the treasure and finally bring treasure back to own island.

THE QUEST			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.00	F'MT	Ca
SUP'R	Impact Software 70 Redford Avenue, Edinburgh.		
RET'R	AA and others		
NOTES	None		

TYRANTS OF ATHENS			
MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£5.50	F'MT	Ca
SUP'R	M. C. Lothlorien, 56a Park Lane, Poynton.		
RET'R	MZ and others		
NOTES	None		

Adventure war game. You must rule Athens, build armies and ships and defeat your enemies on land and sea. Succeed or be ousted by your people. Text with supporting graphics

VALHALLA			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£14.95	F'MT	Ca
SUP'R	Legend, 1 Milton Road, Cambridge.		
RET'R	AA		
NOTES	None		

Cartoon-like animation. 36 independent characters including gods, giants, dragons, ravens; who eat, walk, fight, die. Six levels of quest. Real time graphics, with scrolling text and input windows underneath.

VANQUISHER			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.20	F'MT	Ca
SUP'R	Elephant Software, 41 Haymill Road, Burnham, Berks.		
RET'R	AA and others		
NOTES	None		

A siding contains all the letters of the word Vanquisher. As Station Master of Vanquisher Junction, you use the tracks to rearrange, the letters into the correct order.

VOLCANIC PLANET			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Thorn EMI Video Ltd., Upper St. Martin's Lane, London.		
RET'R	BO CU DX GA LA & others.		
NOTES	Joystick or keyboard control.		

Destroy a planet by reaching the volcanic plug in a multi-level city. Plant a plasma bomb and volcano will erupt. Watch for natives who will try to stop you.

VOLCANO			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Longman Group Ltd., Burnt Mill, Harlow, Essex.		
RET'R	AA		
NOTES	None		

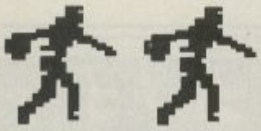
Word game with dictionary to validate entries.

WHIRLWIND			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.50	F'MT	Ca
SUP'R	Lyndenhurst Limited, 38 Ashley Road, London.		
RET'R	AA and others		
NOTES	None		

3D game. Your spaceship is at the edge of a Blackhole. Nasty Aliens attack you. Allows firing, movement clockwise and anticlockwise, and super zappers (exterminates present Aliens).

ZZOOM			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.50	F'MT	Ca
SUP'R	Imagine Software Ltd., Imagine House, 5 Sir Thomas Street, Liverpool.		
RET'R	SM MZ BO DX and others.		
NOTES	Can use most common joysticks, including Kempston, AGF I'L, Fuller Box.		

3D war game where you are a pilot and have to destroy tanks, planes, submarines and ships. Also you have to defend refugees.



ZARAKS			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Computer Rentals Ltd., 140 Whitechapel Road, London E1.		
RET'R	A		
NOTES	None		

Your aim is to reach base — by passing through a maze of passages. You must overcome 2 types of hazard. Firstly a series of blockages, secondly, the armed Zaraks

3D COMBAT ZONE			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Artic Computing Ltd., Main Street, Brandesburton, Driffield.		
RET'R	SM BO GE and others		
NOTES	None		

After a century long battle fought across the plains of Lacentra you are the sole survivor of your army and must now fight to live, defending yourself against the ravished enemy.

3D STRATEGY			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Quicksilva, Palmerston Park House, 13 Palmerston Rd., Southampton.		
RET'R	AA		
NOTES	None		

100 per cent machine code version of 3D noughts and crosses featuring four levels of play, full graphic display, on-screen adjustable clocks, auto-play mode. Response time never exceeds three seconds.

1984			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.50	F'MT	Ca
SUP'R	Incentive Software Ltd., 54 London St., Reading.		
RET'R	AA and others		
NOTES	None		

A management game, running the country as Prime Minister for as many years as possible. Set taxes, decide on grants, benefits, etc., budgets. Performance ratings & historgrams show your progress.

3D SPACE WARS			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Hewson Consultants Ltd., 60a St. Mary's Street, Wallingford, Oxon.		
RET'R	AA SC HM and others		
NOTES	None		

Space battle simulation. Seek and destroy multiple fleets of enemy spacecraft. Deep space radar scan, digital scoring, fuel, speed displays, enemy kill and fleet count. Colour graphics. Ever increasing difficulty.

3D DESERT PATROL			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Computer Rentals Ltd., 140 Whitechapel Road, London E1.		
RET'R	AA		
NOTES	None		

A game of strategy and reaction in 3D. You command a tank which must avoid minefields, destroy or dodge approaching tanks and make it to safety.

Spectrum £

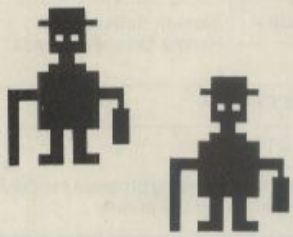
BUSINESS

A WORD PROCESSOR			
MEM	48K	BAUD	Norm
COL	N	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Quicksilva Ltd., Palmerston Pa'k House, 13 Palmerston Rd, Southampton.		
RET'R	AA		
NOTES	None		

Menu driven prompts given at all times. Drastic commands are automatically questioned. Load/save commands included and all text is justified on screen as well as on printer.

BUSINESS BANK ACCOUNT			
MEM	48K	BAUD	Norm
COL	N	SOUND	N
COST	£12.75	F'MT	Ca
SUP'R	Transform Ltd, 41 Keats Ho., Porchester Head, Beckenham, Kent.		
RET'R	AA		
NOTES	None		

This program enables you to make debits under 11-15 sub-headings. Statements includes totals of all sub-headings.

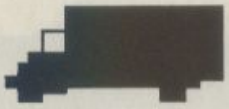


CASH BOOK ACCOUNTING			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	N
COST	£59.95	F'MT	Ca/D
SUP'R	Gemini Marketing Ltd., 18a Littleham Road, Exmouth, Devon.		
RET'R	AA		
NOTES	Printer is essential		

Complete 'stand alone' accounting software package for cash based sole trader/partnership business.

DATABASE			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	N
COST	£19.95	F'MT	Ca/D
SUP'R	Gemini Marketing Ltd., 18a Littleham Rd., Exmouth, Devon.		
RET'R	AA		
NOTES	Disk £23.95		

Database Management System. Stores information in a card index format.



DATAGENIE			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£9.95	F'MT	Ca
SUP'R	Audiogenic Ltd., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

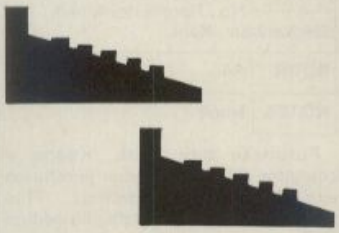
An all-purpose information storage and retrieval system. It is a modeless system, with 'pop-up' menus, allowing the structuring of the system to the type of data being input.

EASILEDLER			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	N
COST	£19.95	F'MT	Ca/D
SUP'R	Gemini Marketing Ltd., 18a Littleham Road, Exmouth, Devon.		
RET'R	AA		
NOTES	Disk £23.95		

Debit/credit ledger system to handle sales, purchase and nominal ledger routines.

FLEXIGRAF			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£9.95	F'MT	Ca
SUP'R	Saxor Computing, 3 St. Catherines Drive, Leconfield, Beverley, Humberside.		
RET'R	LC CO BW and others		
NOTES	None		

Business graphics program offering a choice of six full colour graph types including bar, pie and line charts. Can be used independently or take data from Flexicalc. Full manual.



GRAPHPLOT			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	N
COST	£19.95	F'MT	Ca/D
SUP'R	Gemini Marketing Ltd., 18a Littleham Road, Exmouth, Devon.		
RET'R	AA		
NOTES	Interfaces with Gemini Spreadsheet Analysis and Cashbook. Plots graphs from input data.		

INVOICING			
MEM	48K	BAUD	Norm
COL	N	SOUND	N
COST	£15.00	F'MT	Ca
SUP'R	Transform Ltd., 41 Keats House, Porchester mead, Beckenham, Kent.		
RET'R	AA		
NOTES	None		

This program will print out invoices, calculate discounts and VAT. The program will calculate totals from unit prices, giving the description of each unit price.

PAYROLL			
MEM	48K	BAUD	Norm
COL	N	SOUND	N
COST	£19.95	F'MT	Ca
SUP'R	Transform Ltd., 41 Keats House, Porchester Mead, Beckenham, Kent.		
RET'R	AA		
NOTES	None		

This payrol program will handle up to 40 employees and can calculate NIC, PAYE, superannuation and many other deductions. This is a user-friendly program.

PAYROLL			
MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£14.50	F'MT	Ca
SUP'R	V&H Computer Services, Mayfield House, Spencer St., Bognor Regis, Sussex.		
RET'R	AA		
NOTES	None		

Up to 200 employees. Not-contracted out NI only. All tax codes (suffix, pre'ix, non-alpha). Sick pay, holiday pay, pre- and post-tax adjustments. Maintenance contract available.

FIGARO II			
MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£14.95	F'MT	Ca
SUP'R	Saxon Computing, 3 St. Catherines Drive, Leconfield Beverley, Humberside.		
RET'R	LC CO BW and others		
NOTES	None		

Numeric database program aimed at accontants, business planners and students. Has built in season forecasting, statistics and calculating facilities plus six formats of full colour business graphics. Full manual included.

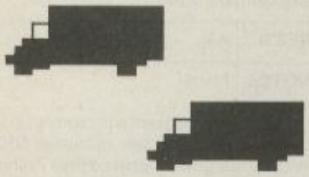
Spectrum £

BUSINESS

FINAL ACCOUNTS

MEM	Unex	BAUD	Norm
COL	Y	SOUND	N
COST	£59.95	F'MT	Ca/D
SUP'R	Gemini Marketing Ltd., 18a Littleham Road, Exmouth, Devon.		
RET'R	AA		
NOTES	Requires Gemini 'Cashbook' module.		

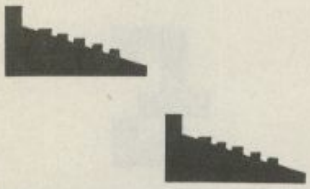
Takes cash book data and produces complete set of accounts in set format.



FINANCE MANAGER

MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£8.95	F'MT	Ca
SUP'R	Oxford Computer Publishing Ltd., 4a High Street, Chalfont St. Peter, Bucks.		
RET'R	SM BA WP PE and others		
NOTES	None		

Is a powerful and flexible Menu-driven program for domestic and business accounting applications. M/c has enabled us to produce professional screen presentation and editing facilities.



FLEXICALC

MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£9.95	F'MT	Ca
SUP'R	Saxon Computing, 3 St. Chatherines Drive, Leconfield, Beverley, Humberside		
RET'R	LC CO BW and others		
NOTES	None		

Versatile spreadsheet program allowing the user to specify the number of rows and columns. Ful mathematical formulae may be edited at any time. Full manual plus on screen help.

FLEXIGEN/FLEXICON

MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Saxon Computing, 3 St. Catherines Drive, Leconfield, Beverley, Humberside.		
RET'R	LC CO BW and others		
NOTES	None		

Two programs on one cassette. Flexigen produces real reports from Flexicalc files on Sinclair, Epson or other Centronics printers. Flexicon will add together two or more like Flesicalc models to produce consolidated files.

PURCHASE DAY BOOK

MEM	48K	BAUD	Norm
COL	N	SOUND	N
COST	£12.75	F'MT	Ca
SUP'R	Transform Ltd., 41 Keats Ho., Porchester Mead, Beckenham, Kent.		
RET'R	AA		
NOTES	None		

Purchase day book. Keeps a complete record of all your purchases under 11-15 subheadings. This program will also calculate and deduct VAT.

PURCHASE LEDGER

MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£14.95	F'MT	Ca
SUP'R	Kemp Limited, 43 Muswell Hill, London, N10.		
RET'R	SC CA SE MT		
NOTES	ZX printer available		

Meets all accounting, auditing, and VAT requirement. Menu driven. On-screen prompts. Error trapped. Up to 1200 entries per month and 250 accounts. Calculates VAT totals. Financial summary. Many features.

SHIFTY

MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£7.50	F'MT	Ca
SUP'R	Work Force, 140 Wilsden Ave., Lutor, Beds.		
RET'R	AA		
NOTES	Uses ZX printer.		

Word processor. Prints sideways when required.

SALES DAY BOOK

MEM	48K	BAUD	Norm
COL	N	SOUND	N
COST	£12.75	F'MT	Ca
SUP'R	Transform Ltd., 41 Keats Ho., Porchester Mead, Beckenham, Kent.		
RET'R	AA		
NOTES	None		

For all your invoices, this program will enable you to prepare statments of outstanding invoices. Program will also calculate VAT.

SALES LEDGER

MEM	48K	BAUD	Norm
COL	Y	SOUND	Y
COST	£14.95	F'MT	Ca
SUP'R	Kemp Ltd., 43 Muswell Hill, London.		
RET'R	SC CA SE MT		
NOTES	ZX printer advisable		

Meets all accounting, auditing and VAT requirements. Menu driven. On-screen prompts. Error trapped. Up to 1200 entries per month and 250 accounts. Calculates VAT totals. Prints statements. Many features.

SMALL BUSINESS ACCOUNTS

MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£12.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Road, Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

Will produce not only essential balance sheet and profit and loss information, but also VAT returns. A user manual is supplied with cassette.

STOCK CONTROL

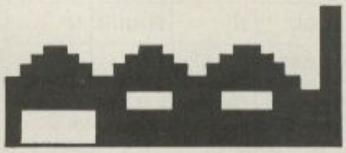
MEM	Unex	BAUD	Norm
COL	Y	SOUND	N
COST	£19.95	F'MT	Ca/D
SUP'R	Gemini Marketing Ltd., 18a Littleham Road, Exmouth Devon.		
RET'R	AA		
NOTES	None		

Complete inventory control program to record stock progress and requirements.

STOCK CONTROL

MEM	20K	BAUD	Norm
COL	Y	SOUND	Y
COST	£14.95	F'MT	Ca
SUP'R	Kemp Ltd., 43 Muswell Hill, London N10.		
RET'R	SC CA SE MT		
NOTES	ZX printer advisable.		

Meets all accounting and auditing requirements. Menu-driven, on-screen prompts, error trapped, unlimited entries, two second access, re-order levels, item/supplier search facilities. Prints lists, audit trail, many features.



STOCK CONTROL

MEM	48K	BAUD	Norm
COL	N	SOUND	N
COST	£12.75	F'MT	Ca
SUP'R	Transford Ltd., 41 Keats Hcuse, Porchester Mead, Beckenham Kent.		
RET'R	AA		
NOTES	None		

Handles 900 lines, includes details of supplier. Program has full search facilities enabling you to search and update all lines from one supplier. Also posible to deduct items from stock.

TASWORD THE WORD PROCESSOR

MEM	48K	BAUD	Norm
COL	N	SOUND	N
COST	£7.95	F'MT	Ca
SUP'R	Tasman Software, 17 Hartley Crescent, Leeds.		
RET'R	AA		
NOTES	None		

Word processing program for the ZX Spectrum and ZX printer.

TASWORD TWO THE WORD PROCESSOR

MEM	48K	BAUD	Norm
COL	Y	SOUND	N
COST	£13.90	F'MT	Ca
SUP'R	Tasman Sotware, 17 Hartley Crescent, Leeds.		
RET'R	SC		
NOTES	None		

Professional standard word processor. 64 characters per line on the screen. Drive ZX printer and full width printers via printer interfaces.

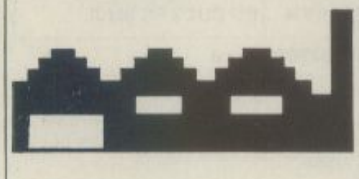
VIC 20 BUSINESS

DATABASE			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	N
COST	£19.95	F'MT	Ca/D
SUP'R	Gemini Marketing Ltd., 18a Littleham Road, Exmouth, Devon.		
RET'R	AA		
NOTES	Disk:- £23.95		

Database Management System — stores information in a card index format.

EASILEDGER			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	N
COST	£19.95	F'MT	Ca/D
SUP'R	Gemini Marketing Ltd., 18a Littleham Road, Exmouth, Devon.		
RET'R	AA		
NOTES	Disc:- £23.95		

Debit/Credit ledger system to handle sales, purchase & nominal ledger routines.



INVOICES AND STATEMENTS			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	N
COST	£19.95	F'MT	Ca/D
SUP'R	Gemini Marketing Ltd., 18a Littleham Road, Exmouth, Devon.		
RET'R	AA		
NOTES	Disc:- £23.95		

Stores information essential for invoices and statments and produces professionally formatted documents.

VICFILE			
MEM	19K	BAUD	NA
COL	Y	SOUND	N
COST	£24.95	F'MT	D
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

This comprehensive information handling system allows the user to store up to 1000 records per diskette. The data could cover a number of applications, personnel files, mailing lists, coin or stamp collections.

SIMPLICALC			
MEM	19K	BAUD	Norm
COL	Y	SOUND	N
COST	£19.95	F'MT	Ca/D
SUP'R	Commodore business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	Disc £24.95		

An electronic worksheet enabling the user to see the effect of changes in various figures such as interest rates. Use it for cash flow analysis, balance sheet analysis, home budgets.

STOCK CONTROL			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	N
COST	£19.95	F'MT	Ca/D
SUP'R	Gemini Marketing Ltd., 18a Littleham Road, Exmouth, Devon.		
RET'R	AA		
NOTES	Disk:- £23.95		

Complete inventory control program to record stock progress and requirements.

VIC STOCK CONTROL			
MEM	11K	BAUD	Norm
COL	Y	SOUND	N
COST	£19.95	F'MT	Ca
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

A complete stock control package enabling the user to store up to 750 items of stock. Full report facilities are provided including stock reorder and stock valuation.

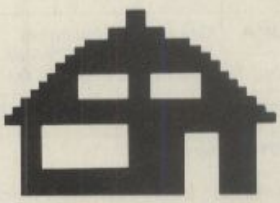
VICWRITER			
MEM	11K	BAUD	Norm
COL	Y	SOUND	N
COST	£19.95	F'MT	Ca/D
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	Disc £24.95		

This word processing package allows the user to create, store and modify text and letters. the user simply types on screen the text, editing it as he goes and then save it on cassette or disk.

WORDCRAFT 20			
MEM	Unex.	BAUD	NA
COL	N	SOUND	Y
COST	£89.95	F'MT	Cr
SUP'R	Audiogenic Ltd., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	£89.95 without extra memory. £125 with extra 8K of memory.		

A wordprocessor system which will support files on tape or disc. Centronics interface included. Full text control, manipulation, name and address capabilities. Scrolling screen display.

VIC 20 HOME-PERSONAL



CAR COSTS			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	N
COST	£14.95	F'MT	Ca
SUP'R	Audiogenic Ltd., 34-36 Crown Stret, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

Enter all your car expenses into categories, and discover the real cost of running your car. Includes a m.p.g. calculator.

DECISION MAKER			
MEM	8K	BAUD	Norm
COL	Y	SOUND	N
COST	£14.95	F'MT	Ca
SUP'R	Audiogenic Ltd., 34-36 Crown Stret, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

Lists various alternatives, enter decisive factors, and reach a decision. Store on tape/disc; can be printed out. Allows experimentation, and examination of decision making approaches.

LOAN ANALIZER			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	N
COST	£14.95	F'MT	Ca
SUP'R	Audiogenic Ltd., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

Calculate one of four parameters:- loan amount, annual interest rate, term of loan, monthly repayment.

VIC 20

HOME-PERSONAL

MONEY MANAGER			
MEM	11K	BAUD	Norm
COL	Y	SOUND	N
COST	£9.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

A complete personal finance or cash-flow program with a number of important features which enable the user to gain a complete picture of home finances.

HOME ACCOUNTS			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	N
COST	£19.95	F'MT	Ca/D
SUP'R	Gemini Marketing Ltd., 18a Littleham Road, Exmouth, Devon.		
RET'R	AA		
NOTES	Disc £13.95		

Complete home accounting package to budget household expenditure and compare against actual expenditure.

HOUSEHOLD FINANCE			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	N
COST	£14.95	F'MT	Ca
SUP'R	Audiogenic Ltd., 34-36 Crown Stret, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

Keep track of all your household expenses. Program gives a profile of your overall spending and particular areas.

HOME INVENTORY			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	N
COST	£14.95	F'MT	Ca
SUP'R	Audiogenic Ltd., 34-36 Crown Stret, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

Enter each item which requires cataloguing. Can be entered with serial Nos., value, purchase date, etc. Full printout facilities included. Records can be stored on tape/disc.

ROBERT CARRIER MENU PLANNER			
MEM	11K	BAUD	Norm
COL	Y	SOUND	N
COST	£9.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

A unique utility program enabling the user to plan menu's for dinner parties, and even who to invite.

VICAT			
MEM	3K	BAUD	Norm
COL	Y	SOUND	N
COST	£8.95	F'MT	Ca
SUP'R	udiogenic Ltd., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

Database program, organised into files. When each file is entered, save it onto a data cassette and start another.

VIC 20 UTILITY-MISC

BUTI PLUS			
MEM	Unex	BAUD	NA
COL	N	SOUND	N
COST	£39.95	F'MT	Cr
SUP'R	Audiogenic Ltd., 34-36 Crown Stret, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

Comprises 3K memory expansion, Buti with 17 BASIC programming aid commands and Monitor, an aid to programming in machine code.

CENTRONICS CASSETTE			
MEM	Unex	BAUD	Norm
COL	N	SOUND	N
COST	£7.95	F'MT	Ca
SUP'R	Audiogenic Ltd., 34-36 Crown Stret, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	To be used with Centronics interface cable.		

Program relocates to the top of the memory (taking up less than 200 bytes). Load your program underneath, and print out on a parallel printer. Includes Vic and 64 version on same cassette.

FORTH			
MEM	Unex	BAUD	NA
COL	N	SOUND	N
COST	£38.00	F'MT	Cr
SUP'R	Kobra Micro Marketing, PO Box 28, Henley-on-Thames, Oxon.		
RET'R	CD		
NOTES	None		

Forth language with virtual memory, compact compiled and very fast code, can work in any number base.

FORTH			
MEM	8K	BAUD	NA
COL	N	SOUND	N
COST	£39.93	F'MT	Cr
SUP'R	Audiogenic Ltd., 34-36 Crown Stret, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	Two versions available, with memory and without memory (£24.95).		

Contains all standard Forth commands, plus Vic related colour and sound extensions. Fullerror messages; powerful screen algorithms, save space, scrolling screen editor.

JIGSAW			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£5.95	F'MT	Ca/D
SUP'R	Novasoft, 46 Pheasant Drive, Downley, High Wycombe, Bucks.		
RET'R	AA CN		
NOTES	Disc £7.95.		

Assembler package featuring Dec/Hex, Hex/Dec conversion, user definable labels, simplified mnemonics suitable for beginners, although this is not a complete tutorial.

JUGGERNAUT/MIRAGE			
MEM	8K	BAUD	Norm
COL	N	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Novasoft, 46 Pheasant Drive, Downley, High Wycombe, Bucks.		
RET'R	AA CN		
NOTES	None		

Two utility programs in one package Juggernaut will move the contents of memory from one location to another. Mirage will reconfigure the Vic for different memory requirements.

KNOW YOUR CHILDS I.Q.			
MEM	11K	BAUD	Norm
COL	Y	SOUND	N
COST	£9.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	Norm		

Designed by Dr. G. Wilson and D. Grills of University of London to test children between ages of 5 and 11 years old.

KNOW YOUR OWN I.Q.			
MEM	11K	BAUD	Norm
COL	Y	SOUND	N
COST	£9.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Adapted from Prof. Enysenck's famous book this package takes four of the tests from the book and from the answers given quotes your score.

GIGABRAIN

KNOW EVERYTHING!

AS educational software goes, *Gigabrain* is the ultimate knowledge pump. No student will resist its maximal throughput insistence.

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KONG - SPECTRUM	K.B./J.S.	£5.95
KRAZY KONG VIC 20 (16K)	K.B./J.S.	£7.95
MINI KONG VIC 20(UNEXP)	K.B./J.S.	£5.95

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VIC 20

UTILITY-MISC

KNOW YOUR PERSONALITY

MEM	11K	**BAUD**	Norm
COL	Y	**SOUND**	N
COST	£9.99	**F'MT**	Ca
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Computer version of Frof. Eysenck popular book, giving the user a fascinating glimpse into the workings of their own personality.

MACHINE CODE MONITOR

MEM	Unex.	**BAUD**	Norm
COL	Y	**SOUND**	N
COST	£14.95	**F'MT**	Ca
SUP'R	Lyversoft, 66 Lime Street, Liverpool.		
RET'R	AA		
NOTES	None		

A utility program for easy use of machine code.

MACHINE CODE MONITOR CARTRIDGE

MEM	Unex	**BAUD**	NA
COL	N	**SOUND**	N
COST	£34.95	**F'MT**	Cr
SUP'R	CBM (UK) Ltd., 675 Ajax Avenue, Trading Estate, Slough Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Programmers tool for people writing in 6502 Assembly language. The Monitor provides 18 commands to aid inputting and debugging

MIKRO ASSEMBLER

MEM	Unex	**BAUD**	NA
COL	N	**SOUND**	M
COST	£48.95	**F'MT**	Cr
SUP'R	Audiogenic Ltd., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

Write your source code on BASIC lines, which can be manipulated by the toolkit commands. Features the Assembler, Disassembler, Tim monitor commands, and decimal, hex, octal and binary number converter.

MINIKIT

MEM	Unex	**BAUD**	Norm
COL	N	**SOUND**	N
COST	£7.95	**F'MT**	Ca
SUP'R	Audiogenic Ltd., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

Programmers toolkit. Automatically relocates to top of memory, taking up approximately 1K. Provides single key entry of 16 most common BASIC keywords, plus two screen editing functions.

MONITOR

MEM	Unex	**BAUD**	NA
COL	Y	**SOUND**	N
COST	£19.95	**F'MT**	Cr
SUP'R	Audiogenic Ltd., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

Designed to easily write debug and execute machine code programs. Monitor is completely transparent to other programs. 17 BASIC programming aid commands. Includes Centronics interface command.

PIXEL POWER

MEM	8K	**AUD**	Norm
COL	Y	**SOUND**	N
COST	£7.95	**F'MT**	Ca
SUP'R	Quicksilver (on behalf of Pixel), Palmerston Pk Hse, 13 Palmerston Rd, Southampton.		
RET'R	AA		
NOTES	None		

Advanced character generator.

PROGRAMMERS AID CARTRIDGE

MEM	Unex	**BAUD**	NA
COL	N	**SOUND**	N
COST	£34.95	**F'MT**	Cr
SUP'R	CBM (UK) Ltd., 675 Ajax Avenue, Trading Estate, Slough Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Designed to help both new and experienced BASIC programmers to write, edit and debug programs quickly and easily.

REL

MEM	Unex	**BAUD**	NA
COL	N	**SOUND**	N
COST	£38.00	**F'MT**	Cr
SUP'R	Kobra Micro Marketing, PO Box 28, Henley-on-Thames, Oxon.		
RET'R	CD		
NOTES	None		

REL allows up to 6 relay outputs and 2 inputs to be connected via the user port to read signals from external devices.

STAT

MEM	Unex	**BAUD**	NA
COL	Y	**SOUND**	N
COST	£38.00	**F'MT**	Cr
SUP'R	Kobra Micro Marketing, PO Box 28, Henley-on-Thames, Oxon.		
RET'R	CD		
NOTES	None		

Stat allows calculation of means, standard deviations and variances and displays the information as a bar chart of graph.

SUPER EXPANDER CARTRIDGE

MEM	Unex	**BAUD**	NA
COL	Y	**SOUND**	Y
COST	£34.95	**F'MT**	Cr
SUP'R	CBM (UK) Ltd., 675 Ajax Avenue, Trading Estate, Slough Berks.		
RET'R	DX BO CE RU SC SM WO CR		
NOTES	None		

Adds new colours, new sets of graphics and an enlarged music writing potential. Also contains an extra 3K of RAM.

SUPERSCREEN 20-40

MEM	8K	**BAUD**	Norm
COL	N	**SOUND**	N
COST	£9.95	**F'MT**	Ca
SUP'R	Audiogenic Ltd., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

A machine code program which loads and relocates to the top of the memory, allowing you to write programs that feature 40 column display.

VIC TAPE BACKUP

MEM	Unex	**BAUD**	Norm
COL	Y	**SOUND**	Y
COST	£7.95	**F'MT**	Ca
SUP'R	Level Software Ltd., PO Box 55, Shirley, Solihull.		
RET'R	AA		
NOTES	None		

Easy way to take safety or backup copy of most Commodore cassette programs (Vic, CBM, some 64), using VIC-20. Unexpanded Vic for short programs; otherwise with appropriate memory expansion.

YAGI DESIGN

MEM	16K	**BAUD**	Norm
COL	N	**SOUND**	N
COST	£5.95	**F'MT**	Ca
SUP'R	Ground Control Software, Alfreda Avenue, Hullbridge, Essex.		
RET'R	AA EX		
NOTES	None		

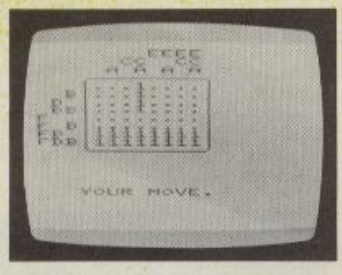
Yagi antenna design to N.B.S. recommendations. From two to fifteen element with different material size permutations. Includes notes.

VIC 20 EDUCATION

A GAME OF COMPUTER LOGIC

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£8.50	F'MT	Ca
SUP'R	N. Darwood Ltd., Halfacre, Stroud, Petersfield, Hampshire.		
RET'R	AA		
NOTES	None		

One player enters a Boolean equation such as A'C'DF + B'C'D and the Karnaugh map pattern appears on the screen. His opponent attempts to write the equation of the pattern (Primary to University).



A GAME OF PARITY DETECTION & AVOIDANCE

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.65	F'MT	Ca
SUP'R	N. Darwood Ltd., Halfacre, Stroud, Petersfield, Hampshire.		
RET'R	AA		
NOTES	None		

A competitive game for two players, or one player against the computer. You learn about computer-data error detection.

A GAME OF SENTENCE CONSTRUCTION

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.65	F'MT	Ca
SUP'R	N. Darwood Ltd., Halracre, Stroud, Petersfield, Hampshire.		
RET'R	AA		
NOTES	None		

You build up a miniature vocabulary of special words (i.e. computer acceptable words), which you use to create sentences. An example, FOR COOL CHOPS ADD HOT CHIPS.

(TEACH & TEST SERIES) ALPHABET

MEM	11K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Designed for 5-8 year olds. This package can be used to test the childs capabilities, learning can be fun.

ANIMATED ARITHMETIC

MEM	3.5K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.50	F'MT	Ca
SUP'R	LCL, 26 Avondale Avenue, Staines.		
RET'R	AN LC LY SN IN CC MH AI		
NOTES	None		

This teaches arithmetic using moving colour pictures (not words). Suitable for ages 3-8 or for remedial classes. It is very easy to use and consists of two programs, Clown Count and Addition Express. Correct answers are rewarded with clowns juggling, trains travelling across the screen puffing out smoke and chuffing etc.

INTRODUCTION TO BASIC — PART 1

MEM	3K	BAUD	Norm
COL	Y	SOUND	Y
COST	£14.95	F'MT	Ca
SUP'R	Commodore Business Machines Ltd. 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SM WO CU		
NOTES	A book plus cassettes.		

First of a two part series to teach the novice, computer programming. Aspects covered include a tour of the keyboard, strings, program loops and programming colour and sound.

(TEACH & TEST SERIES) ARITHMETIC 1

MEM	11K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Test your child's capabilities with this package designed for 5-8 year olds. Some of the tests take the form of a game making learning even more fun.

ASK THE FAMILY

MEM	11K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BC CE RU SC SM WO CU		
NOTES	None		

Version of popular TV quiz show. Fun for all the family and educational too.

BBC MASTERMIND

MEM	11K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BC CE RU SC SM WO CU		
NOTES	None		

This version of the popular TV Quiz show comes complete with a full range of questions. Additional questions are available on eight cassettes.

BIRDS AND APPLE TREE

MEM	3K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

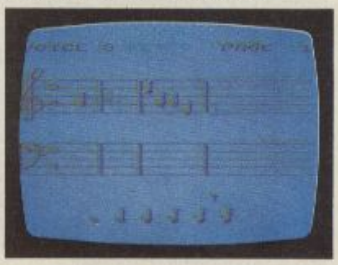
This educational cassette is designed forchildren between the ages of 4-7 years it contains two programs to test the child's arithmetic ability making full use of sound and graphics.

BRAIN BUILDER

MEM	11K	BAUD	Norm
COL	Y	SOUND	Y
COST	£11.99	F'MT	Ca
SUP'R	Commodore business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

A multipack of four educational programs to help children develop. Facemaker — draw character faces, change them to see how they would look bald or with a moustache. Rainbow Towers — work out how to move the coloured disks to the right towers. Hide & Seek — a memory game. Words, Words, Words, — use words to build up various pictures of places.

VIC MUSIC COMPOSER



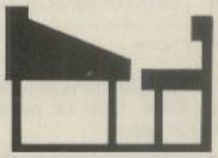
VIC 20

EDUCATION

CASTLEMATH

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£8.95	F'MT	Ca
SUP'R	Audiogenic Ltd., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

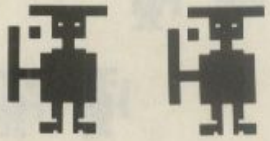
Graphical mathematical adventure game, taking place in the corridors of the castle — a choice of sums and length of games. Interest sustained through animation and audio-visual clues.



CASSETTE 99

MEM	3.5K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5	F'MT	Ca
SUP'R	LCL, 26 Avondace Avenue, Staines, Middx.		
RET'R	AN LC LY SN IN CC MH AI		
NOTES	None		

Four junior maths programs on percentages and fractions, averages, column graphs, ratio, proportion, etc. They are suitable for self-tuition or revision. They are, in fact, the four easiest programs from "Micro Maths".



ENGINE SHED

MEM	3K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd. 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

This educational cassette is designed for children between the ages of 7-11 years. Answer the questions as quickly as possible and see the engine go into its shed. Fine use of graphics.

ENGLISH INVADERS

MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.99	F'MT	Ca
SUP'R	Rabbit Software Ltd., 380 Station Road, Harrow, Middx.		
RET'R	SC BO CU CA DX LA SM RU		
NOTES	None		

You have three keys, x, y, z, which kill nouns adjectives and verbs. A word will appear such as 'Red' and you have to destroy it with the appropriate key.

FACEMAKER

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£8.95	F'MT	Ca
SUP'R	ASK Ltd., London House, 68 Upper Richmond Road, London SW15.		
RET'R	AA and others		
NOTES	None		

Game about observation enabling children to build faces, Identikit style. Designed to encourage creativity and expand vocabulary. The computer draws pictures, in reply to answers typed in by the child.

G.C.E. 'O' LEVEL BIOLOGY

MEM	11K	BAUD	Norm
COL	Y	SOUND	N
COST	£9.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd. 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Subjects covered include the nature and variety of living organisms. Functions of living organisms and the biology of the environment.

G.C.E. 'O' LEVEL CHEMISTRY

MEM	11K	BAUD	Norm
COL	Y	SOUND	N
COST	£9.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd. 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Subjects covered include periodic tables, structure binding and energy, Reddox reactions, acids, bases and salts.

G.C.E. 'O' LEVEL ENGLISH LANGUAGE

MEM	11K	BAUD	Norm
COL	Y	SOUND	N
COST	£9.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd. 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Subjects covered include composition, summary, comprehension, spelling, grammar and a general test.

G.C.E. 'O' LEVEL GEOGRAPHY

MEM	11K	BAUD	Norm
COL	Y	SOUND	N
COST	£9.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd. 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Subjects covered include United Kingdom climate, farming, industry and power supplies. World climate and vegetation, agriculture and trade.

G.C.E. 'O' LEVEL HISTORY (20TH CENTURY)

MEM	11K	BAUD	Norm
COL	Y	SOUND	N
COST	£9.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd. 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Subjects covered include the two world wars, peace and democracy, totalitarianism, empires and the Commonwealth.

G.C.E. 'O' LEVEL MATHEMATICS 1

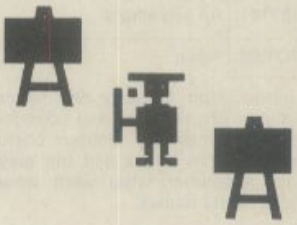
MEM	11K	BAUD	Norm
COL	Y	SOUND	N
COST	£9.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Subjects covered include Algebra, Geometry and trigonometry. A mixture of modern and traditional mathematics.

G.C.E. 'O' LEVEL MATHEMATICS 2

MEM	11K	BAUD	Norm
COL	Y	SOUND	N
COST	£9.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Subjects covered include traditional mathematics, arithmetic, equations progressions, functions, calculus and trigonometry.



G.C.E. 'O' LEVEL PHYSICS

MEM	11K	BAUD	Norm
COL	Y	SOUND	N
COST	£9.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Subjects covered include charges in circuits, electricity and magnetism, electronics and nucleonics, waves and sound.

GRAF

MEM	Unex.	BAUD	NA
COL	N	SOUND	N
COST	£38.00	F'MT	Cr
SUP'R	Kobra Micro Marketing, PO Box 28, Henley-on-Thames, Oxon.		
RET'R	CD		
NOTES	None		

Graf automatically plots graphs of complicated equations or functions and calculates values for instructions, minima and maxima of a function.

HANGMATHS

MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Audiogenic Ltd., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

Hangman and Hangmaths, guessing words and the answer to a multiplication sum. Includes a hanging scene.

VIC 20

EDUCATION

HIDE AND SEEK			
MEM	8K	BAUD	Norm
COL		SOUND	Y
COST	£8.95	F'MT	Ca
SUP'R	ASK Ltd., London House, 68 Upper Richmond Road, London SW15		
RET'R	AA and others		
NOTES	None		

Introduction to early reading and writing. Encourages and develops short term memory. Various objects are hidden in boxes and the player must remember what went where, typing in the names.

INTRODUCTION TO BASIC — PART 2			
MEM	3K	BAUD	Norm
COL	Y	SOUND	Y
COST	£14.95	F'MT	Ca
SUP'R	Commodore Business Machines Ltd. 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	A book plus cassettes.		

The second program in this series helps to build on the knowledge gained in I.T.B.1. Points covered include subroutines, graphics, sound and memory locations.

JUNIOR MATHS FUN SERIES 1 (MULTIPACK)			
MEM	6K	BAUD	Norm
COL	Y	SOUND	Y
COST	£11.95	F'MT	CA
SUP'R	Commodore Business Machines Ltd. 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

This package contains six programs to test the child's maths capabilities. Intended for children between the ages of 4-8 years. All programs make use of sound and graphics.

LET'S COUNT			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£8.95	F'MT	Ca
SUP'R	ASK Ltd., London House, 68 Upper Richmond Road, London SW15		
RET'R	AA and others		
NOTES	None		

A colourful game for young children beginning to learn about numbers. It introduces the numbers 1 to 9 an has sections on ordering and the relations more, less and equal.

MATH MAKER			
MEM	11K	BAUD	Norm
COL	Y	SOUND	Y
COST	£11.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd. 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

A multipack to test maths ability in children. It combines learning with fun games. Four titles in this pack are Number Gulper, Number Puzzler, Magic Numbers and Number Chaser.

MATHS HURDLER			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Audiogenic Ltd., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

Athlete must jump 10 hurdles. You must solve the sum — choice of addition, subtraction, multiplation and division. Monster Maze: amusing maze game.

MICRO MATHS			
MEM	3.5K	BAUD	Norm
COL	Y	SOUND	Y
COST	£24.50	F'MT	Ca
SUP'R	LCL, 26 Avondale Avenue, Stains, Middx.		
RET'R	AN LC LY SN IN CC MH AI		
NOTES	Two cassette pack including manual.		

Consists of 24 easy-to-use programs taking beginners to O-level standard. Useful for revision or self-tuition. The programs are on: Factorisation of algebraic equations, simple and compound interest, statistics, trigonometry, differentiation (calculus), solution of triangles using sine and cosine formulae, percentages and fractions, changing bases of numbers, indices in algebra, similar triangles, applications of Pythagoras' theorem, profit and loss, simplification of bracketed quantities in algebra, ratio and proportion, polygon properties, graphs of linear and quadratic functions, solution of algebraic equations, vectors, geometry of the circle and its chords, matrices, operations on numbers in different bases, simultaneous equations.

NUMBER GULPER			
MEM	8K	BAUD	Norm
COL	Y	SOUND	Y
COST	£8.95	F'MT	Ca
SUP'R	ASK Ltd., London House, 68 Uper Richmond Road, London, SW15.		
RET'R	AA and others		
NOTES	None		

To improve mathematical skills. Explores the relationship between the four basic arithmetic operations. Players must achieve a result number using only numbers shown on the screen (each with an operator).

NUMBER PUZZLER			
MEM	8K	BAUD	Norm
COL	Y	SOUND	Y
COST	£8.95	F'MT	Ca
SUP'R	ASK Ltd., London House, 68 Upper Richmond Road, London SW15.		
RET'R	AA and others		
NOTES	None		

Three games in addition and subtraction involving a kind of numerical noughts and crosses. Winning strategies are achieved by adding numbers together or decomposing one of them into separate parts. There is a choice of difficulty.

QUIZMASTER			
MEM	11K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

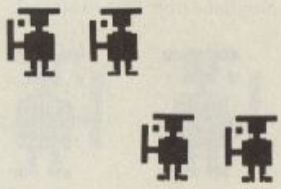
A unique learning tool enabling parent or teacher to construct a quiz of 40 questions. No restrictions on the type of question.

ROAD USER			
MEM	8K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	Commodoe Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

This program tests the knowledge of Highway Code. Ideal for pedestrians and all road users.

SHAPE UP			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£8.95	F'MT	Ca
SUP'R	ASK Ltd., London House, 68 Upper Richmond Road, SW15.		
RET'R	AA & others		
NOTES	None		

Introduces children to geometry. Circles, squares, triangles and rectangles are shown in simple matching games and then combined to build a street of houses, etc.



SKYMATH			
MEM	3K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Audiogenic Ltd., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

Math's tutorial, providing decimal addition and subtraction with space-type background, and flying saucers that shoot any wrong numbers.

VIC 20

EDUCATION

SNOWMEN AND MATHS MAZE			
MEM	3K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

This cassette has two programs to test a childs arithmetic ability. By the use of sound and graphics learning is made fun.

SPACE DIVISION			
MEM	3K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Audiogenic Ltc., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

Simple division sums set in rocket countdown context. All through the countdown, interest is ma ntained with visual and audible effect.

START PROG. WITH GORTEK AND THE MICROCHIPS			
MEM	3K	BAUD	Norm
COL	Y	SOUND	Y
COST	£12.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

The first of a series of packages designed to teach young people the fundamentals of computer programming by coupling a space adventure story with lessons in basic programming.

SUB-TRACTION AND LIGHTHOUSE			
MEM	3K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Designed for children between the ages of 7-11 years. This educational cassette contains two games to test aritmatic ability.

(TEST YOUR CHILD SERIES) SPELLING 1			
MEM	11K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

A series of titles fro 8-11 year olds. Each package includes a number of tests with scoring feature.

(TEST YOUR CHILD SERIES) SPELLING 2			
MEM	11K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

A series of titles for 8-11 year olds. ach package includes a number of test with scoring feature.

(TEACH & TEST SERIES) ARITHMETIC 2			
MEM	11K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	CBM (UK) Ltd., 675 Ajax Avenue, Trading Estate, Slough Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

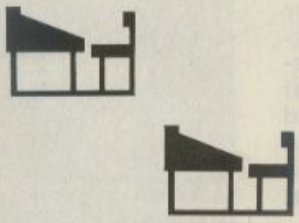
This package is designed for 5-8 year olds. A series of tests, some of which take the form of a game, help the child learn while enjoying himself.

(TEACH & TEST SERIES) VOCABULARY			
MEM	11K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	CBM (UK) Ltd., 675 Ajax Avenue, Trading Estate, Slough Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Designed for children in the 5-8 years age group. This program tests the child's ability via a series of tests.

(TEST YOUR CHILD SERIES) ARITHMETIC			
MEM	11K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	CBM (UK) Ltd., 675 Ajax Avenue, Trading Estate, Slough Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

A series of titles for 8-11 year olds. Each package includes a number of tests with scoring feature.



(TEST YOUR CHILD SERIES) GENERAL KNOWLEDGE			
MEM	11K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	CBM (UK) Ltd., 675 Ajax Avenue, Trading Estate, Slough Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

A series of titles for 8-11 years of age. Each package includes a number of tests with scoring feature.

(TEST YOUR CHILD SERIES) READING			
MEM	11K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	CBM (UK) Ltd., 675 Ajax Avenue, Trading Estate, Slough Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

A series of titles for 8-11 year olds. Each package includes a number of tests with scoring feature.

THE CROSS-NUMBER PUZZLES			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.65	F'MT	Ca
SUP'R	N. Darwood Ltd., Halfacre, Stroud, Petersfield, Hampshire.		
RET'R	AA		
NOTES	None		

The same as crosswords except the role of words and numbers are interchanged. Graded, 5-year-olds to difficult for adults. Ideal for maths lessons. Part solutions can be saved.

VICALC			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	N
COST	£8.95	F'MT	Ca
SUP'R	Audiogenic Ltd., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

Programmable calculator with 10 memories, four working registers. Usual scientific functions of a calculator. Compound interest and percentage function precision can be set from 0 to 9 decimal places.

VIC MUSIC COMPOSER			
MEM	Unex.	BAUD	NA
COL	Y	SOUND	Y
COST	£19.95	F'MT	Cr
SUP'R	Thorn EMI Video Ltd., Upper St. Martin's Lane, London, WC2.		
RET'R	BO CU DX GA LA & others		
NOTES	Joystick required		

Features three voices, controllable tempo and volume and the ability to save score on disk or cassette. Simple to use; just pick your note, position it on the stave and press return.

WORDS, WORDS, WORDS			
MEM	16K	BAUD	Norm
COL	N	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	ASK Ltd., London House, 68 Upper Richmond Road, SW15.		
RET'R	AA & others		
NOTES	None		

Enables children to build up stories. Over 80 different words together with eight scenes which can be linked together in any order. Correctly typed names of objects shown animate scene.

Get behind the keyboard with PE

Practical Electronics can teach you how the computer works, you can learn the ideas behind the microprocessor, see where technology is going and how it is, and will, effect our lives in the coming years. You can also learn to build add ons for your computer, electronic peripherals that will allow your computer to control electrical equipment, or that can expand the memory, provide autosave functions, or even provide a second keyboard and v.d.u. for remote operation.

In our January issue on sale now there is a series on *Expanding the VIC 20* and *Simple Speech* (speech aquisition and reproduction by computer).

In the February issue on sale on Friday, January 6, we look at buying *Monitors for Home Computers*, introduce our *Computer Terminal* and round off the VIC 20 series.

Place your order NOW!

VIC 20 GAMES

(ADVENTURE 1) ADVENTURELAND			
MEM	Unex	BAUD	NA
COL	Y	SOUND	N
COST	£9.99	F'MT	Cr
SUP'R	CBM (UK) Ltd., 675 Ajax Avenue, Trading Estate, Slough Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Collect all thirteen treasures travelling through mazes and dark passages. Be wary of dragons and other deadly animals. An exciting adventure game.

(ADVENTURE 2) PIRATE COVE			
MEM	Unex	BAUD	NA
COL	Y	SOUND	N
COST	£9.99	F'MT	Cr
SUP'R	CBM (UK) Ltd. 675 Ajax Avenue, Trading Estate, Slough Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Travel to treasure island from your flat in London an then collect two treasures which have been buried on the island. Lots of pitfalls to trap the unwary along the way.

(ADVENTURE 3) MISSION IMPOSSIBLE			
MEM	Unex	BAUD	NA
COL	Y	SOUND	N
COST	£9.99	F'MT	r
SUP'R	CBM (UK) Ltd., 675 Ajax Avenue, Trading Estate, Slough Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

You have to pit your wits against a saboteur in a race against time. The object is to stop a time bomb detonating in a nuclear power station. An exciting and consuming adventure game.

(ADVENTURE 4) VOODOO CASTLE			
MEM	Unex	BAUD	NA
COL	Y	SOUND	N
COST	£9.99	F'MT	Cr
SUP'R	CBM (UK) Ltd., 675 Ajax Avenue, Trading Estate, Slough Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Save Count Christe from the evil curse before you are killed or cursed yourself. An exciting and absorbing adventure game.

(ADVENTURE 5) THE COUNT			
MEM	Unex	BAUD	NA
COL	Y	SOUND	N
COST	£9.99	F'MT	Cr
SUP'R	CBM (UK) Ltd., 675 Ajax Avenue, Trading Estate, Slough Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

You are trapped within the princincts of Castle Dracula and you must defeat the count before he kills you. Can you survive this adventure game.

ALIEN			
MEM	Unex.	BAUD	NA
COL	Y	SOUND	Y
COST	£9.99	F'MT	Cr
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE FU SC SM WO CU		
NOTES	None		

Seek and destroy al aliens within the maze by digging holes into which the unsuspecting alien can fall. Good use of sound and graphics.

ALIEN BLITZ			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Audiogenic Ltd., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

Blast the Aliens from the sky with this invader-type program. Ten playing levels.

ALIEN HUNTER			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.50	F'MT	Ca
SUP'R	Abrasco Ltd., The Grange Barn, Pikes End, Eastcote.		
RET'R	AA VI		
NOTES	None		

Hunt the alien moving around the sector at the speed of light. Destroy the alien's drones as he lays them in your path, whilst avoiding rogue asteroids.

ALIEN VORTEX			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Temptation Software Ltd., 27 Cinque Ports Street, Rye, Sussex.		
RET'R	AA		
NOTES	None		

High scoring 100 per cent code arcade game. Defend yourself against continuous attacks by waves of mutants — fast — full colour — illustrative sound — the ngredients an arcade specialist would expect.

ALPHOIDS			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.99	F'MT	Ca
SUP'R	Romik Software Ltd., 272 Argyll Ave., Slough.		
RET'R	AA & others		
NOTES	None		

You are trapped in your landing craft on the surface of Alpha Centuri 1. Unable to dock with your mother craft because of jet failure. Various forms of Aliens are attacking your ship.

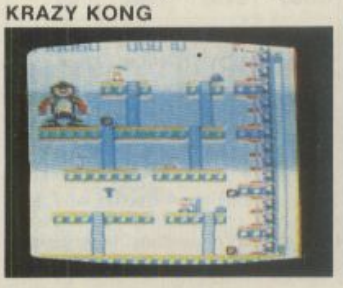
AMOK			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Audiogenic Ltd., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

Control a man who runs through a series of rooms trying to destroy robots firing back. Each room has a different layout. Robots become increasingly vicious.

ANDROID ATTACK			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.95	F'MT	Ca
UP'R	Abrasco Ltd., The Grange Barn, Pikes End, Eastcote.		
RET'R	AA VI LA		
NOTES	None		

Defend your city from the android's bombardment. If an android lands a signal is sent to the cruiser to release an indestructable warhead. Prevent the city from destruction.

KRAZY KONG



MINE MADNESS

PHAROAH'S TOMB

RIVER RESCUE

VIC 20 GAMES

ANIHILATOR			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.99	F'MT	Ca
SUP'R	Rabbit Software Ltd., 380 Station Road, Harrow, Middx.		
RET'R	SC BO CU CA DS LA SM RU		
NOTES	None		

Fly your spaceship across the rocky terrain swerving and destroying all the alien craft.

ANIMAL MAGIC			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.99	F'MT	Ca
SUP'R	Romik Software Ltd., 272 Argyll Avenue, Slough.		
RET'R	AA and others		
NOTES	None		

A classic text adventure. You are babysitting when a huge eagle swoops down into the garden and carries off the baby. You must rescue the baby.

ANOTHER VIC IN THE WALL			
MEM	Unex	BAUD	300
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Bug-Byte Ltd., Canning Place, Liverpool 1.		
RET'R	SM BO LA DX RU MZ CU SC		
NOTES	None		

An advanced version of the popular game 'Breakout'. This uses a curved bat, so you can judge the angle of the ball accurately.

ANTI MATTER SPLATTER			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.99	F'MT	Ca
SUP'R	Rabbit Software, 380 Station Road, Harrow, Middx.		
RET'R	SC BO CU CS DX LA SM RU		
NOTES	None		

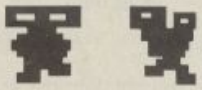
Complex version of Space Invaders. You control a highly powerful flexible gun turret and your objective is to destroy the rapidly approaching missiles (bricks etc.).

ARCADIA			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.50	F'MT	Ca
SUP'R	Imagine Software Ltd., Imagine House, 5 Sir Thomas Street, Liverpool.		
RET'R	SM MZ BO DX and others		
NOTES	Supports joystick.		

Space war game. Progressively harder levels. Very hard and addictive.

ASTRO BLITZ			
MEM	Unex	BAUD	NA
COL	Y	SOUND	Y
COST	£19.95	F'MT	Cr
SUP'R	Audiogenic Ltd., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

A challenging defender game, featuring several different air and ground targets, and radar display.



ATOM SMASHER			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.99	F'MT	Ca
SUP'R	Romik Software Ltd., 272 Argyll Avenue, Slough.		
RET'R	AA and others		
NOTES	None		

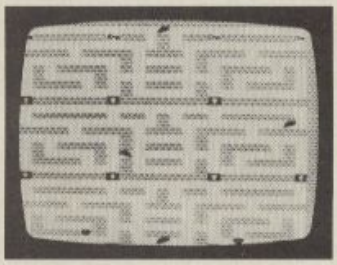
The scene — the heart of a runaway reactor. To delay meltdown you must shoot the protons with your remote controlled super laser. Each time you shoot a proton, an extra electron is released.

AVENGER			
MEM	Unex	BAUD	NA
COL	Y	SOUND	Y
COST	£9.99	F'MT	Cr
SUP'R	CBM (UK) Ltd., 675 Ajax Avenue, Trading Estate, Slough Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Popular version of the arcade game. Always lots of fun. Good use of both sound and graphics.

BEWITCHED			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.50	F'MT	Ca
SUP'R	Imagine Software Ltd., Imagine House, 5 Sir Thomas St., Liverpool.		
RET'R	SM MZ BO DX & others		
NOTES	Supports Joystick		

Escape from the maze without being caught by the ghosts. Locked doors bar your exists. You can only get the key from the start of the maze.



BIRD OF PREY			
MEM	Unex.	BAUD	NA
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Lyversoft, 66 Lime Street, Liverpool.		
RET'R	AA		
NOTES	None		

You are an Eagle who has to rescue a man who is thrown out of a plane before he falls into the fire pit.

BLITZ			
MEM	3K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

As the pilot of an aircraft you have to bomb the city in order that you can land. Sound and graphics feature in this game.

BLOCKADE			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Audiogenic Ltd., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

Machine code game of strategy. A grid (9 x 9) is the 'board'. Get five squares, and stop Vic from doing same.

BONZO			
MEM	8K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Audiogenic Ltd., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

Move the workman up and down the ladders, and pick up the boxes from the different levels, but beware of the Bonzos!

CATCHA SNATCHA			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.50	F'MT	Ca
SUP'R	Imagine Software ltd., Imagine House, 5 Sir Thomas Street, Liverpool.		
RET'R	SM MZ BO DX and others		
NOTES	Supports joystick		

Your Barney Bootlace the Store Detective. Stop the shoplifters stealing all the goods or you get the sack.

CATCHE TROOP			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.50	F'MT	Ca
SUP'R	Abrasco Ltd., The Grange Barn, Pikes End, Eastcote.		
RET'R	AA VI		
NOTES	None		

Catch the paratroopers in your boat. If they fall into the sea and you do not throw them a ladder quick enough, the sharks will eat them.

CATERPILLAR			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.99	F'MT	Ca
SUP'R	Romik Software Ltd., 272 Argyll Avenue, Slouth.		
RET'R	AA and others		
NOTES	None		

The caterpillars have run wild, and are intent on attacking you with the help of the cragonflies, fleas, spiders and frogs.

VIC 20 GAMES

CLOUDBURST

MEM	Unex	BAUD	NA
COL	Y	SOUND	Y
COST	£19.95	F'MT	Cr
SUP'R	Audiogenic Ltd., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

Save the Earth from the downpour of Acid Raindrops, and the invasion of the mutant cloud floppers — speed and skill are essential. Ten levels of play.

COBUS MAZE

MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Temptation Software Ltd., 27 Cinque Ports Street, Rye, Sussex.		
RET'R	AA		
NOTES	None		

A series of mind stretching mazes to guide your man through. Successful exit brings the reward of greater challenge with progressively difficult layouts and hidden complications. Keys require collecting.

CODEMAKER, BREAKER

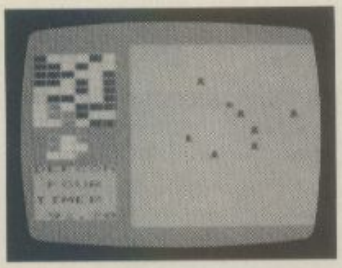
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Audiogenic Ltd., 34-36 Crown Street Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

Breaker — Vic has to guess the code/pattern you have made. Maker — you have to guess the code/pattern that the Vic has produced.

COMPUTER WAR

MEM	Unex.	BAUD	NA
COL	Y	SOUND	Y
COST	£19.95	F'MT	Cr
SUP'R	Thorn EMI Video Ltd., Upper St. Martins Lane, London, WC2.		
RET'R	BO CU DX GA LA & others		
NOTES	Joystick required		

Based on the hit movie "Wargames" save the world from destruction by a misguided computer. Crack the code, track and destroy simulated enemy missiles before the computer initiates the National Defense Systems.



COSMIADS

MEM	Unex.	BAUD	300
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Bug-Byte Ltd., Canning Place, Liverpool.		
RET'R	SM BO LA DX RU MZ CU SC		
NOTES	None		

You are under attack by swooping aliens. Kill them all, and a new wave even more ferocious than before appear.

COSMIC CRUNCHER

MEM	Unex.	BAUD	NA
COL	Y	SOUND	Y
COST	£9.99	F'MT	Cr
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Popular version of the famous arcade game. This version makes full use of sound and graphics.

COSMIC JAILBREAK

MEM	Unex.	BAUD	NA
COL	Y	SOUND	Y
COST	£9.99	F'MT	Cr
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Exciting space invaders game using sound and graphics.

CRAZY CLIMBER/APPLE BUG

MEM	Unex	BAUD	NA
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Lyversoft, 66 Lime Street, Liverpool.		
RET'R	AA		
NOTES	None		

In Crazy Climber, you climb a shaky scaffolding to collect flags. If the scaffolding falls you can use the balloons to save yourself. Apple Bug is a maze game. You must eat the apples before the apple bug eats you.

CREEPERS

MEM	8K	BAUD	Norm
COL	Y	SOUND	Y
COST	5.95	F'MT	Ca
SUP'R	Virgin Games Ltd., 61/63 Portobellow Road, London W11.		
RET'R	AA SM BO MZ DX GA PM		
NOTES	None		

Aliens swoop down onto energy blocks unless player can shoot them down. If an alien 'gets through' several times, then energy blocks are destroyed and aliens zoom in — intent on destruction.

CRITTERS

MEM	8K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.99	F'MT	Ca
SUP'R	Rabbit Software, 380 Station Road, Harrow, Middx.		
RET'R	SC BO CU CA DX LA SM RU		
NOTES	None		

Control a man at the base of the screen who can lie, kneel and stand where ever he wishes. His object is to protect three birds nests from enormous eagles.

CYCLONS

MEM	8K	BAUD	300
COL	Y	SOUND	Y
COST	£5.99	F'MT	Ca
SUP'R	Rabbit Software Ltd., 380 Station Road, Harrow.		
RET'R	SC BO CU CA DX LA SM RU		
NOTES	None		

You control a space ship which travels across a rugged terain. Mysterious aliens in several shapes are on the rampage and you have to make use of your firing mechanism.

CYCLOTRON

MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca/D
SUP'R	Novasoft, 46 Pheasant Drive, Downley, High Wycombe, Bucks.		
RET'R	AA CN		
NOTES	Requires joystick.		

Light cycle battle against the computer for supremacy of the grid with selectable levels of difficulty. For use with joystick only.

DEMON DRIVER

MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Lyversoft, 66 Lime Street, Liverpool.		
RET'R	AA		
NOTES	None		

The object is to guide a car down a road avoiding certain obstacles but knocking over cats and other creatures who cross path.

DOUBLE TROUBLE

MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.50	F'MT	Ca
SUP'R	Abrasco Ltd., The Grange Barn, Pikes End, Eastcote.		
RET'R	AA VI		
NOTES	None		

Game for one or two players who must deflect their ball into fruit-like objects despite "Schizophrenic Spike" who roams the play area.

VIC 20 GAMES

DOTMAN			
MEM	3.5K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Anirog Software, 29 Westhill Dartford, Kent.		
RET'R	AA		
NOTES	None		

Arcade style maze-game. Aquire as many points as possible by cleaning the dots. Four persistant pursuers are after a quick snack. They may be disabled when you consume a power source.

DUNGEON DROID			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Novasoft, 46 Pheasant Drive, Downley, High Wycombe, Bucks.		
RET'R	AA CIV		
NOTES	None		

Player explores underground tomb in search of novalite crystals to power his spaceship, while avoiding various hazards, and take off before ship is destroyed by ground forces.

DUNGEONS			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Anirog Software Ltd., 29 Westhill, Dartford, Kent.		
RET'R	AA		
NOTES	None		

A graphical adventure with some text. It has been written for the dungeon and dragon addicts by writers with a similar bent. The first of a series.

EMMETT ATTACK			
MEM	3K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

A fast space adventure game with 3D effect.

ENBAHI			
MEM	8K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Virgin Games Ltd., 61/63 Portbellow Road, London W11		
RET'R	AA SM BO MZ DX GA PM		
NOTES	None		

Player controls helicopter gunship high above city skyline. Player must protect city from invasion forces.

ESCAPE M.C.P.			
MEM	Unex	BAUD	300
COL	Y	SOUND	Y
COST	£5.99	F'MT	Ca
SUP'R	Rabbit Software Ltd., 380 Station Road, Harrow.		
RET'R	SC BO CU CA DX LA SM UR		
NOTES	None		

A maze game based on the film Tron. The idea is to reach the master control program. However, to achieve this you must collect several items en-route. 10 levels.

FLY SNATCHER			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.50	F'MT	Ca
SUP'R	Abrasco Ltd., The Grange Barn, Pikes End, Eastcote.		
RET'R	AA VI		
NOTES	None		

You are in a field where you must eat the flies and dive into a bush before a weasel eats you. Game speeds up as it progresses.

FOUR GATES TO FREEDOM			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	Phoenix Software Ltd., 116 Marsh Road, Pinner, Middx.		
RET'R	AA		
NOTES	Twin cassette Action/ Adventure.		

Fight your way to the planet Xzenos, destroy the gates, then enter the warrens of the warrior ants and rescue the scientists from living death.

FOURTH ENCOUNTER			
EM	Unex	BAUD	NA
COL	Y	SOUND	Y
COST	£19.95	F'MT	Ca
SUP'R	Thorn EMI Video Ltd., Upper St. Martin's Lane, London WC2		
RET'R	BO CU DX GA LA and others		
NOTES	Joystick required		

Shoot wave after wave of aliens out of the sky — but be careful, each horde of aliens is deadl er than the last. One or two players.

FRANTIC			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.50	F'MT	Ca
SUP'R	Imagine Software Ltd., Imagine House, 5 Sir Thomas Street, Liverpool.		
RET'R	SM MZ BO DX and others		
NOTES	Supports joysticks.		

As you descent in a tube you must shoot the aliens who surround your ship. You can only shoot forwards, to destroy the enemy behind, you must rotate your ship.

FROG CHASE			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Artic Computing, Main Street, Bransburton, Driffield, N. Humberside.		
RET'R	SM BO GE		
NOTES	None		

In this high speed game you must get across the road and hop across the river to get home.

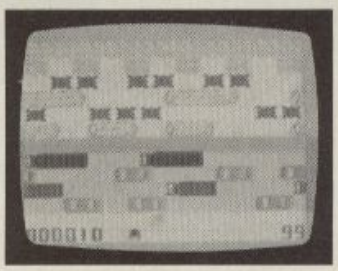
FROGGER			
MEM	Unex	BAUD	NA
COL	Y	SOUND	Y
COST	£34.00	F'MT	Cr
SUP'R	Parker Bros., c/o The Palitoy Company, Owen St., Coalville, Leicestershire.		
RET'R	AA and others		
NOTES	None		

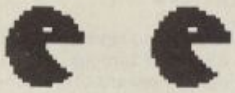
FROGGER			
MEM	Unex	BAUD	Normal
COL	Y	SOUND	Y
COST	£5.99	F'MT	Ca
SUP'R	Rabbit Software, 380 Station Road, Harrow, Middx.		
RET'R	SC BO CU CA DX LA SM RU		
NOTES	None		

You contrcl a frog which has to reach its home, but to do so he has to cross a very busy road, then swim a river dodging logs, crocodiles etc.

FROGRUN			
EM	3.5K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Anirog Software Ltd., 29 Westhill, Dartford, Kent.		
RET'R	AA		
NOTES	None		

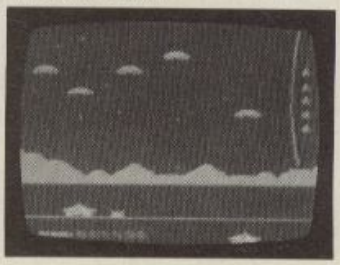
An arcade style game where frogs have to first run the gauntlet of the traffic, and the hop across the river using logs, the backs of turtles and alligators.





GALACTIC ABDUCTOR			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Anirog Software Ltd., 29 Westhill, Dartford, Kent.		
RET'R	AA		
NOTES	None		

Giant birdlike aliens swoop in to abduct the population which you defend, the attackers drop capsules containing homing mines which you must also destroy.



VIC 20 GAMES

GARDEN

MEM	8K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Audiogenic Ltd., 34-36 Crown St., Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

Your garden is infested by mutant pests. Shoot the centipedes — when hit they change into mushrooms. Destroy bonus snails and fleas.

GOLF VIC

MEM	3K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Audiogenic Ltd., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

Set your handicap and tee off with a choice of clubs and nine different holes with hazards, bunkers, water, etc. Enter distance and the angle. Observes all the rules of golf.

GORF

MEM	Unex.	BAUD	NA
COL	Y	SOUND	Y
COST	£9.99	F'MT	Cr
SUP'R	Commodore Business Machines Ltd, 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Exciting space game, offering three different screens to battle through.

GRANDMASTER

MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£17.95	F'MT	Ca
SUP'R	Audiogenic Ltd., 34-36 Crown Street Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

Chess program with square board. 10 levels of play, hint function, automatic queening, castling, and en passant; choice of colour scheme Automatic self-play. comes with full manual.

GULPMAN

MEM	16K	BAUD	NA
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Micromega, Quantec Systems & Software Ltd., 230-236 Lavender Hill, London.		
RET'R	MZ GA & others		
NOTES	None		

All m/c maze chase with fifteen mazes, four chasers, player equipped with limited laser supply to fend off, but not kill, chasers. User-selectable speed and difficulty. Self-play demonstration mode.

HARVESTER & BRAINSTORM

MEM	Unex.	BAUD	Norm
COL	Y	SOUND	N
COST	£7.95	F'MT	Ca
SUP'R	Quicksilva, Palmerston Park House, 13 Palmerston Road, Southampton.		
RET'R	AA		
NOTES	None		

Distinctive Pixel games.

HEARTS AND DIAMONDS / HI-LO

MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Lyversoft, 66 Lime Street, Liverpool.		
RET'R	AA		
NOTES	None		

Hearts and Diamonds is a chase/maze game where the Diamonds chase the Hearts and a Black Blob attacks both. Hi-Lo is based on the Bruce Forsyth programme 'Play Your Cards Right'.

HOPPIT

MEM	3K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Version of this ever popular arcade game. Featuring full sound and graphics.

INSECTOR

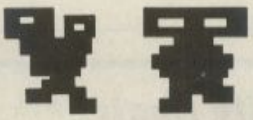
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.99	F'MT	Ca
SUP'R	Romik Software Ltd., 272 Argyll Ave., Slough.		
RET'R	AA & others		
NOTES	None		

The insect creatures from Terron are raining multitudes of varying bombs and bugs onto the humanoids on the planets surface. The bugs are trying to feed on the humanoids.

JET PAC

MEM	8K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.50	F'MT	Ca
SUP'R	Ultimate Play The Game, The Green, Ashby de la Zouch, Leicestershire.		
RET'R	SM BO LA MZ SC & others.		
NOTES	Joystick compatible		

A totally new concept in space games. The game comprises of 16 waves of aliens, with four completely different spaceships to assemble, each comprising of three individual sections.



KAKTUS

MEM	8K	BAUD	None
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Audiogenic Ltd., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

Shoot swarms of wasps and hornets which attack the giant Kaktus. A buzzard drops eggs at you, and a mole tries to block your shooting holes.

KOSMIC KAMIKAZE

MEM	3K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Audiogenic Ltd., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

Invaders drop from the top of the screen. Shoot them before they reach the bottom. A mothership patrols, firing at you with great speed and accuracy.

KRAZY KONG

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Anirog Software Ltd., 29 Westhill, Dartford, Kent.		
RET'R	AA		
NOTES	None		

The arcade classic, with four screens featuring the lift, rolling barrels and fire balls. All is designed to thwart your gallant rescue attempts.

LUNAR RESCUE

MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Lyversoft, 66 Lime Street, Liverpool L1.		
RET'R	AA		
NOTES	None		

Guide a spacecraft onto the Moon through a meteor storm. Collect a man and return to the main spaceship.

MAGNIFICENT 7

MEM	3K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.95	F'MT	Ca
SUP'R	Audiogenic Ltd., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

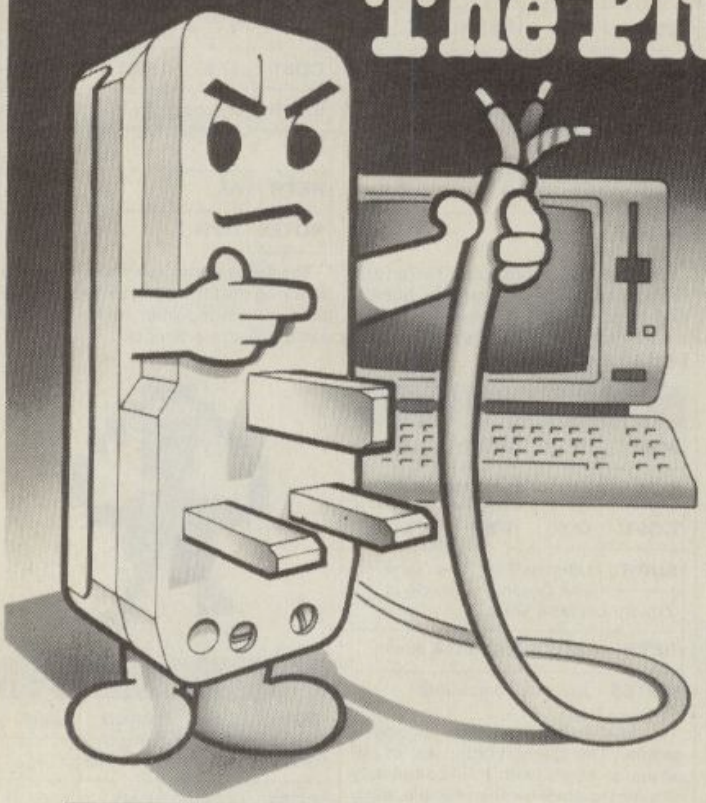
Seven games: Hangman, Battleships, Asteroid Patrol, Spiders Maze, Surround, Wanted, and Splash.

MANGROVE

MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Audiogenic Ltd., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

An action game. Move around the screen building up a body of cells which are attacked by deadly microbes.

The Plug says 'No' to dirty power.



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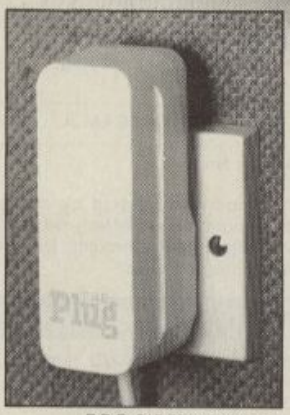

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VIC 20 GAMES

MARTIANS			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Artic Computing, Main Street, Bransburton, Driffield, N. Humberside.		
RET'R	SM BO GE		
NOTES	None		

Once more it's up to you to save your bacon by dropping bombs on invading Martians. You must shoot the heart out of the Martian ships.

MARTIAN RAIDER			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.99	F'MT	Ca
SUP'R	Romik Software Ltd., 272 Argyll Avenue, Slough.		
RET'R	AA & others		
NOTES	None		

Skim as close as you dare to the surface of the Planet, devastating the Martian cities, destroying ammunition dumps (gaining more time), shooting down the ground to air missiles and UFOs.

MATCHMAKER			
MEM	11K	BAUD	Norm
COL	Y	SOUND	N
COST	£9.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd., 575 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

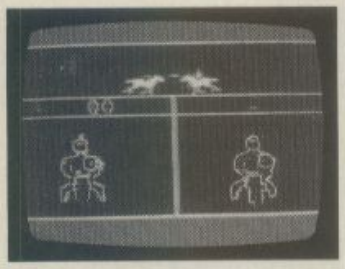
Fabulous party time program. Find out who is compatible. Just answer the questions and let the computer do the rest. Great fun at parties.

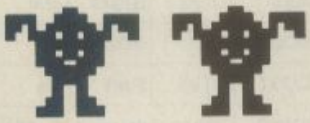
MENAGERIE			
MEM	Unex.	BAUD	NA
COL	Y	SOUND	Y
COST	£9.99	F'MT	Cr
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

You are a fly who gets from one place to another hitching rides on the back of the various animals. Exciting game with fine graphics.

MEDIEVAL JOUST			
MEM	Unex.	BAUD	NA
COL	Y	SOUND	Y
COST	£19.95	F'MT	Cr
SUP'R	Thorn EMI Video Ltd., Upper St. Martin's Lane, London, WC2H.		
RET'R	BO CU DX GA LA & others		
NOTES	Joystick or keyboard control		

Challenge the King's seven most fearless knights to a tournament. Three skill levels.





METER MANIA			
MEM	Unex.	AUD	Norm
COL	Y	SOUND	Y
COST	£7.50	F'MT	Ca
SUP'R	Abrasco Ltd., The Grange Barn, Pikes End, Eastcote.		
RET'R	AA		
NOTES	None		

Up to four Meter Maids are chasing you. You must pick up enough coins to feed the meter before the clock is up.

MICROPOLY			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Temptation Software Ltd., 27 Cinque Ports Street, Rye, Sussex.		
RET'R	AA		
NOTES	None		

Play this version of the family board game with a competent and challenging microbanker and property tycoon. State of game and board on instant recall — or the game saved.

MINE MADNESS			
MEM	Unex.	BAUD	NA
COL	Y	SOUND	Y
COST	£19.95	F'MT	Cr
SUP'R	Thorn EMI Video Ltd., Upper St. Martin's Lane, London, WC2H.		
RET'R	BO CU DX GA LA & others		
NOTES	Joystick or keyboard control		

Steal treasure from an abandoned mine and rescue the beautiful maiden, travel up and down escalators that move of their own accord and shoot the mine monsters before they attack you.

MIND TWISTERS			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.99	F'MT	Ca
SUP'R	Romik Software Ltd., 272 Argyll Ave., Slough.		
RET'R	AA & others		
NOTES	None		

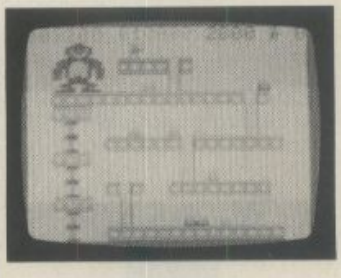
A Compendium of 4 games:- 1. Blackjack: start with £1,000 and break the bank. 2. Decipher: deduce the hidden colour combination chosen by the computer. 3. Four Thought: beat the computer by being the first to get four in a row. 4. Teaser: score 15 before the computer does using any combination of three boxes.

MINES OF SATURN/ RETURN TO EARTH			
MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Mikro-Gen, 24 Agar Crescent, Bracknell, Berks.		
RET'R	AA		
NOTES	None		

Mines of Saturn:- On an orbit of Saturn, you make a forced landing and you set off in search of crystals to refuel. Return to Earth:- You reach Earth Station 1, but find it deserted. Explore the station and find some way to alert Earth.

MINI-KONG			
MEM	3.5K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Anirog Software Ltd., 29 West Hill, Dartford, Kent.		
RET'R	AA		
NOTES	None		

A compressed version of Krazy Kong presented on a single screen to stay within the memory bounds of the basic Vic, featuring the lift and rolling barrels etc.



MISSION MERCURY			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Virgin Games Ltd., 61/63 Portobellow Road, London W11.		
RET'R	AA SM BO MZ DX GA PM		
NOTES	None		

Player must land craft on lunar surface, avoiding asteroid birds, rescue scientists and re-manoeuvre back to moving craft.

MOLE ATTACK			
MEM	Unex	BAUD	NA
COL	Y	SOUND	Y
COST	£9.99	F'MT	Cr
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Rid yourself of the moles which have overrun your garden in this fast and exciting game.

VIC 20 GAMES

MONEY WARS			
MEM	Unex	BAUD	NA
COL	Y	SOUND	Y
COST	£9.99	F'MT	Cr
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Steal as much money as you can while avoiding those deadly rays.

MOONS OF JUPITER			
MEM	6K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.99	F'MT	Ca
SUP'R	Romik Software Ltd., 272 Argyll Avenue, Slough.		
RET'R	AA and others		
NOTES	None		

As commander of a fleet of destroyers, you send in one destroyer at a time to blast a passage through the moons of Jupiter. Dodge and blast the UFOs — watch for Gologs.

MULTISOUND SYNTHESIZER			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.99	F'MT	Ca
SUP'R	Romik Software Ltd., 272 Argyll Avenue, Slough.		
RET'R	AA & others		
NOTES	None		

Turn the Vic 20 into a music synthesizer, it can be played like an organ creating your own harmonics, sound effects and background music.

MUTANT HERD			
MEM	Unex.	BAUD	NA
COL	Y	SOUND	Y
COST	£19.95	F'MT	Cr
SUP'R	Thorn EMI Video Ltd., Upper St. Martins Lane, London.		
RET'R	BO CU DX GA LA & others.		
NOTES	Joystick required		

A game in two parts for one or two players. Manipulate two laser barriers to keep off the mutants whilst you find their burrow. Then descend it to destroy their eggs.

MYRIAD			
MEM	8K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.99	F'MT	Ca
SUP'R	Rabbit Software, 380 Station Road, Harrow, Middx.		
RET'R	SC BO CU CA DX LA SM RU		
NOTES	None		

Two hundred different levels which consist of showers of swooping/shooting aliens which have to be destroyed by your inter-galatic space craft.

NUMBER CHASE			
MEM	8K	BAUD	Norm
COL	Y	SOUND	Y
COST	£8.95	F'MT	Ca
SUP'R	ASK Ltd, London House, 68 Upper Richmond Road, SW15.		
RET'R	AA & others		
NOTES	None		

A game to improve estimating ability. The child's vehicle is being chased by the computer's, correct estimations get the child ahead, wrong ones make the child's car drop back.

OMEGA RACE			
MEM	Unex.	BAUD	NA
COL	Y	SOUND	Y
COST	£9.99	F'MT	Cr
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Space game making fine use of sound and graphics.

OUTWORLD			
MEM	Unex.	BAUD	NA
COL	Y	SOUND	Y
COST	£19.95	F'MT	Cr
SUP'R	Audiogenic Ltd., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

Man the laser base to blast the meteorites, alien saucers, and bombs, which threaten the city of Outworld. Ten playing levels.

PAKACUDA			
MEM	Unex.	AUD	Norm
COL	Y	SOUND	Y
COST	£5.99	F'MT	Ca
SUP'R	Rabbit Software Ltd., 380 Station Road, Harrow, Middx.		
RET'R	SC BO CU CA DX LA SM RU		
NOTES	None		

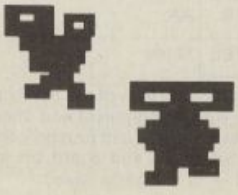
An underwater version of Pac-man. The object is to travel around the maze eating all the energy capsules and trying to save yourself from the blood thirsty piranhas.

PARATROOPERS			
MEM	Unex.	BAUD	300
COL	Y	SOUND	Y
COST	£5.99	F'MT	Ca
SUP'R	Rabbit Software Ltd., 380 Station road, Harrow, Middx.		
RET'R	SC BO CU CA DX LA SM RU		
NOTES	None		

A solitary gun post but even so it is the only thing that may stop the 'paratroupers'. The object is to destroy all of the passing helecopters & paratroopers.

PATIENCE			
MEM	18K	BAUD	Norm
COL	Y	SOUND	Y
COST	£4.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

This computerised version of the popular card game makes fine use of graphics. Identical to the card game except that you can't cheat.



PEDES AND MUTANTS			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.99	F'MT	Ca
SUP'R	Romik Software Ltd., 272 Argyll Ave., Slough.		
RET'R	AA & others		
NOTES	None		

Fight of the dangerous Pedes that head towards you at ever increasing speeds, shoot the ants and fleas before they get you. Try and manoeuvre your ship into the bonus landing bases.

PHARAOHS TOMB			
MEM	6K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Anirog Software Ltd., 29 Westhill, Dartford, Kent.		
RET'R	AA		
NOTES	None		

A graphical maze adventure. you have stumbled across the entrance to an undiscovered Pharaohs Tomb. Or was it! The Pharaohs do not like to part with what was theirs.

PIT			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Audiogenic Ltd., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

A workman has to cross from one side of the screen to another, picking up the money bag. He must then get back again, dodging the deadly acid drops.

POWER BLASTER			
MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.99	F'MT	Ca
SUP'R	Romik Software Ltd., 272 Argyll Avenue, Slough.		
RET'R	AA & others		
NOTES	None		

Nine selectable skill levels. You are the commander of a Venusian defence force patrol ship, your mission is to work your way around the space corridors blasting the remote high power bombs.

VIC 20 GAMES

POWER MASKS OF OLYMPUS

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£9.99	F'MT	Ca
SUP'R	Phoenix Software Ltd., 116 Marsh Rd., Pinner, Middx.		
RET'R	AA		
NOTES	Twin pack, action/ adventure.		

The Greek Gods have returned using power masks to control mankind. You must break the protections and destroy the masks then go to Mount Olympus, find the Gods and destroy them.

QUADRANT

MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.99	F'MT	Ca
SUP'R	Romik Software Ltd., 272 Argyll Avenue, Slough.		
RET'R	AA and others		
NOTES	None		

A three dimensional game. Earth Station Synlac has been used by the Corporation for its valuable reserves of 'Bariox'. A band of Actuarian Macrobats are testing their new secret weapon.

QUAKERS

MEM	Unex.	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.99	F'MT	Ca
SUP'R	Rabbit Software, 380 Station Road, Harrow, Middx.		
RET'R	SC BO CU CA DX LA SM RU		
NOTES	None		

Battle against the clock to shoot down all the moving objects, including ducks, bears and even rabbits, (please be careful with the later). Colourful graphics and amusing sounds.

RACE-FUN

MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.99	F'MT	Ca
SUP'R	Rabbit Software, 380 Station Road, Harrow, Middx.		
RET'R	SC BO CU CA DX LA SM UR		
NOTES	None		

Control a Formula One racing car which is able to dawdle along or race up to high speed. Swerving around your competitors, cut the corners to take the best line.

RAINBOW TOWERS

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£8.95	F'MT	Ca
SUP'R	ASK Ltd., London House, 68 Upper Richmond Road, London SW15.		
RET'R	AA and others		
NOTES	None		

There are six towers. Three of these contain coloured discs which are moved to others towers. As they move they change colour. Fill the towers with correctly coloured discs.

RAT RACE

MEM	Unex	BAUD	NA
COL	Y	SOUND	Y
COST	£9.99	F'MT	Cr
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

A mouse caught in a maze. Eat all the cheese before the chasing rats catch up. This game benefits from fine graphics.

RIDDLE OF THE SPHINX

MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Lyversoft, 66 Lime Street, Liverpool.		
RET'R	AA		
NOTES	None		

A graphical adventure where you have to wander the passages in the tomb, overcome obstacles, answer riddles to gain the treasure of the tomb.

RENAISSANCE

MEM	Unex	BAUD	NA
COL	Y	SOUND	Y
COST	£19.95	F'MT	Cr
SUP'R	Audiogenic Ltd., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

Computer-version of Othello. Play against the computer (eight levels). During games, you can change sides, playing level, take back moves, and even save and recall games.

RIVER RESCUE

MEM	Unex	BAUD	NA
COL	Y	SOUND	Y
COST	£24.95	F'MT	Cr
SUP'R	Thorn EMI Video Ltd., Upper St. Martin's Lane, London WC2		
RET'R	BO CU DX GA LA and others		
NOTES	Joystick or keyboard control.		

Navigate a powerful patrol boat up river, shooting or avoiding the obstacles, to rescue three brave explorers ost in the jungle.

SARGON II CHESS

MEM	Unex	BAUD	NA
COL	Y	SOUND	Y
COST	£9.99	F'MT	Cr
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Popular computer chess game making good use of graphics.

SATELLITES AND METEORITES

MEM	Unex	BAUD	NA
COL	Y	SOUND	Y
COST	£19.95	F'MT	Cr
SUP'R	Audiogenic Ltd., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

Colourful display of meteorites, and four different shaped and coloured satellites which attack in different ways. A 'Black Hole' sucks everything into it — requires great sill to get out of it.

SCRAMBLE

MEM	Unex	BAUD	300
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca
SUP'R	Bug-Byte Ltd., Canning Place, Liverpool 1		
RET'R	SM BO LA DX RU MZ CU SC		
NOTES	None		

You have to invade the enemy defence system. Can you dodge the deadly ground to air missiles, planes and rockets, and then refuel?

SCRAMBLE

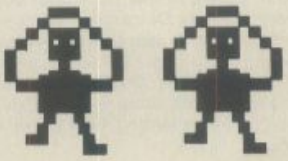
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.99	F'MT	Ca
SUP'R	Rabbit Software, 380 Station Road, Harrow, Middx.		
RET'R	SC BO CU CA DX LA SM RU		
NOTES	None		

Travelling through caverns and across rough surfaces while being attacked by oncoming missiles. To stay in flight you must collect fuel by blowing up the designated sites.

SCRAM 20

MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Artic Computing, Main Street, Bransburton, Driffield, N. Humberside.		
RET'R	SM BO GE		
NOTES	None		

You control a ship and must destroy the enemy base. Take care not to run out of fuel.



VIC 20 GAMES

STARQUEST & ENCOUNTER

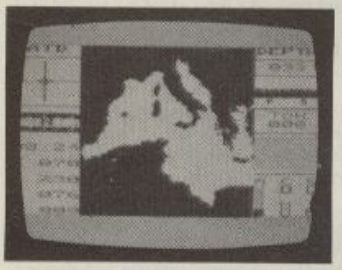
MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£7.95	F'MT	Ca
SUP'R	Quicksilva (on behalf of Pixel), Palmerston Pk. Hs., 13 Palmerston Rd., Southampton.		
RET'R	AA		
NOTES	None		

Distinctive Pixel games.

SUBMARINE COMMANDER

MEM	Unex.	BAUD	NA
COL	Y	SOUND	Y
COST	£24.95	F'MT	Cr
SUP'R	Thorn EMI Video Ltd., Upper St. Martin's Lane, London, WC2H.		
RET'R	BO CU DX GA LA & others		
NOTES	Joystick required		

A submarine patrol simulator to hunt and destroy enemy shipping check your instruments for oxygen level, fuel, battery charge, depth under you keel, and watch out for enemy destroyers.



SUPER GAMES PACK 1

MEM	11K	BAUD	Norm
COL	Y	SOUND	Y
COST	£11.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Four games in this pack offer both variety and fun. Chinamen — a board game for one or two players. African Beads — a strategic game for one or two players. Panzer Duel — a war game of tactics. Ghost Driver — negotiate a winding road avoiding the oncoming traffic.

SUBSPACE STRIKER & ZOR

MEM	16K	BAUD	Norm
COL	Y	SOUND	N
COST	£7.95	F'MT	Ca
SUP'R	Quicksilva, Palmerston Park House, 13 Palmerston Road, Scuthampton.		
RET'R	AA		
NOTES	None		

Distinctive Pixel games.

SUPER GAMES PACK 2

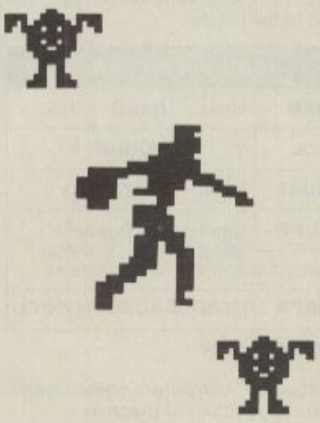
MEM	6K	BAUD	Norm
COL	Y	SOUND	Y
COST	£11.99	F'MT	Ca
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Four games in this pack offering variety and fun. Blokit — computer version of popular board game. Cannon Shoot — a tactical game where the players have to try to knock out each others cannons. Road Rally — drive you car through ever narrowing, winding lanes. Skittles — computer version of traditional skittles game.

SUPER LANDER

MEM	Unex.	BAUD	NA
COL	Y	SOUND	Y
COST	£9.99	F'MT	Cr
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough, Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Land your space craft on the planet surface, not to fast through, a really tricky game using sound and graphics.



SWARM

MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Temptation Software Limitec, 27 Cinque Ports Street, Rye, Sussex.		
RET'R	AA		
NOTES	None		

Fast 100 per cent machine code arcade game. Spawned by your desperate shooting, the screen fills with boxes, eggs, crosses and swarmers bombarding from every angle, shoot selectively.

SWORD OF HRAKEL

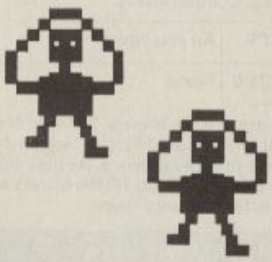
MEM	6K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.99	F'MT	Ca
SUP'R	Romik Software Ltd., 272 Argyll Avenue, Slough.		
RET'R	AA and others		
NOTES	None		

A classic text adventure. Find the sword of Hrakel ard defeat the curse of the evil Mage?

TANK ATAK

MEM	Unex	BAUD	NA
COL	Y	SOUND	Y
COST	£19.95	F'MT	Cr
SUP'R	Audiogenic Ltd., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

You are the commander of the only tank left, and must keep the enemy at bay. Your radar helps you to be ready to strike first. Accuracy is essential!



SUPER SLOT

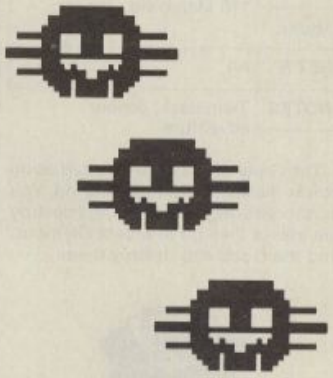
MEM	Unex	BAUD	NA
COL	Y	SOUND	Y
COST	£9.99	F'MT	Cr
SUP'R	Commodore Business Machines Ltd., 675 Ajax Ave., Trading Est., Slough Berks.		
RET'R	DX BO CE RU SC SM WO CU		
NOTES	None		

Computer version of slot machine. Place your bets and take your chance

TANK BATTLE

MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Artic Computing, Main Street, Bransburton, Driffield, N. Humberside.		
RET'R	SM BO GE		
NOTES	None		

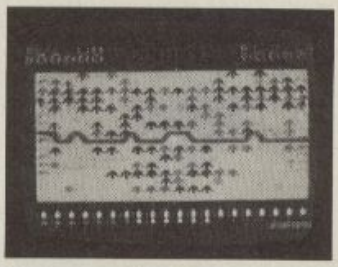
Each player starts the game with 10 tanks. Your aim is to destroy his before he destroys yours. Nine levels of difficulty.



TANK COMMANDER

MEM	Unex	BAUD	NA
COL	Y	SOUND	Y
COST	£19.95	F'MT	Cr
SUP'R	Thorn EMI Video Ltd., Upper St. Martin's Lane, London WC2		
RET'R	BO CU DX GA LA and others		
NOTES	Joystick or keyboard control		

Seek out and destroy fuel and ammo dumps in enemy territory. Avoid enemy fire that seeks to destroy you and your mission.



THE ALIEN

MEM	3K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Audiogenic Ltd., 34-36 Crown Street, Reading, Berks.		
RET'R	BO CU DX SC SM JL		
NOTES	None		

Fast action game set in a maze inhabited by unfriendly monsters, out to catch and eat you — trap these monsters and collect points.

VIC 20 GAMES

VIC GAMMON			
MEM	6.5K	BAUD	300
COL	Y	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Bug-Byte Ltd., Canning Place, Liverpool 1.		
RET'R	SM BO LA DX RU MZ CU SC		
NOTES	None		

A standard backgammon game for the Vic 20. Instructions on how to play are supplied.

VIC INVADERS			
MEM	3.5K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.90	F'MT	Ca
SUP'R	Bridge Software, 36 Fernwood, marple Bridge, Stockport, Cheshire.		
RET'R	AA		
NOTES	None		

Bridge Software's version of the arcade game.

VIC-TORIAN FOLLIES ADVENTURE 1 SEA QUEST			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca/D
SUP'R	Novasoft 46 Pheasant Drive, Downley, High Wycombe, Bucks.		
RET'R	AA CN		
NOTES	Disc £7.95.		

Multi screen graphic adventure where player takes the roll of a Victorian gentleman engaged in deep sea exploration.

VIC-TORIAN FOLLIES 2 THE GREAT AIR RACE			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£6.95	F'MT	Ca/D
SUP'R	Novasoft, 46 Pheasant Drive, Downley, High Wycombe, Bucks.		
RET'R	AA CN		
NOTES	Disc £7.95. Full title: Vic-Torian Follies 2 The Great London to Paris Air Race.		

Hi-res graphic adventure depicting the first great air race in the early days of powered flight. The player controls one of the flying machines through the hazardous realtime journey.

VIC-TORIAN FOLLIES 3 IN SEARCH OF DRACULA			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST		F'MT	Ca/D
SUP'R	Novasoft, 46 Pheasant Drive, Downley, High Wycombe, Bucks.		
RET'R	AA CN		
NOTES	None		

Multi screen graphic/text adventure with player exploring Castle Dracula in search of the infamous count. The main objective being to destroy him before the sun has set.

VIXPLODE			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	N
COST	£8.50	F'MT	Ca
SUP'R	Abrasco Ltd., The Grange Barn, Pikes End, Eastcote.		
RET'R	AA VI LA		
NOTES	None		

Gain control of the board over the computer by exploding your counters into adjacent squares. Six levels of play. Ideal for all ages.

VOYGER			
MEM	8K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Lyversoft, 66 Lime Street, Liverpool.		
RET'R	AA		
NOTES	None		

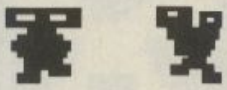
A version of the Star Trek game.

WACKY WAITERS			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.50	F'MT	Ca
SUP'R	Imagine Software Ltd., Imagine House, 5 Sir Thomas Street, Liverpool.		
RET'R	SM MZ BO DX AND OTHERS		
NOTES	Supports joystick.		

You control the drinks waiter in a large club. You have to navigate him across four lifts to reach his client. If too few customers are served you are fired.

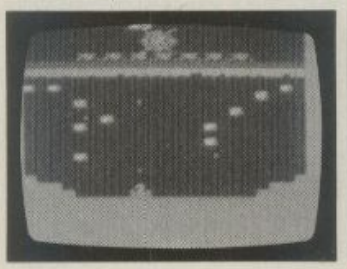
WINNING GAMES ON THE VIC 20			
MEM	Unex	BAUD	Norm
COL	Y	SOUND	Y
COST	£11.95	F'MT	Ca
SUP'R	Ellis Horwood Ltd., marketed by John Wiley Ltd., Baffins Lane, Chichester.		
RET'R	AA and others		
NOTES	Comes with book of same title.		

Winning Games on the VIC-20. Using high resolution graphics, complete with colour and sound effects, this is a collection of mostly reaction arcade games which create a variety of situations for the user to cope with, from jumping a buggy over the surface of the moon to skiing down a mountainside. There are also games designed to encourage logical thought, for example Knight, based on an knight's tour of the chessboard, Vicmath and Anagram. Most games are controlled by joystick.



XENO II			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£7.95	F'MT	Ca
SUP'R	Anirog Software Ltd., 29 West Hill, Dartford, Kent.		
RET'R	AA		
NOTES	None		

A four screen arcade assault course. Land the module, survive a room of homing mines, shoot it out with space invaders and finally destroy the Xenon base, and repeat it faster



ZOKS KINGDOM			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Anirog Software Ltd., 29 West Hill, Dartford, Kent.		
RET'R	AA		
NOTES	None		

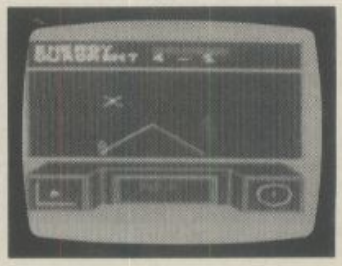
You are in Zok's Kingdom, your problem is to find your way through the many screens, get past Zok and Co. and find the legendary transport beam to Earth.

ZORGON'S KINGDOM			
MEM	8K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.99	F'MT	Ca
SUP'R	Romik Software Ltd., 272 Argyll Avenue, Slough		
RET'R	AA and others		
NOTES	None		

Zorgon's Kingdom is a real time graphic adventure, playable with joystick or from the keyboard. Defeat Zorgon's minions and evil devices to face the monster Zorgon himself.

3D TIME TREK			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£5.95	F'MT	Ca
SUP'R	Anirog Software td., 29 Westhill, Dartford, Kent.		
RET'R	AA		
NOTES	None		

A graphical presentation of Star Trek. In addition to the usual problems of enemy craft you are against the clock. This makes it essential to adopt the correct strategy to win.



ZX81 GAMES

ADMIRAL GRAF SPEE

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Temptation Software Lrd., 27 Cinque Ports Street, Rye, Sussex.		
RET'R	AA		
NOTES	None		

An original game of strategy based on historically accurate records of the Graf Spee's killer expedition in the North and South Atlantic. As her Captain use full graphic instrumentation.

ADVENTURE 1

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Abersoft, 7 Maes Afallen, Bow Street, Dyfed.		
RET'R	AA		
NOTES	None		

Textual Adventure based on the original mainframe version.

ADVENTURE

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Bug-Byte Ltd., Canning Place, Liverpool 1.		
RET'R	SM BO LA DX RU MZ CU SC		
NOTES	None		

This is a traditional text-only adventure for the ZX81. You get through the game by typing English commands into the computer.

ADVENTURE TAPE 1

MEM	16K	BAUD	Norm
COL	N	SOUND	N
OST	£5.00	F'MT	Ca
SUP'R	Phipps Associates, 172 Kingston Road, Ewell, Surrey.		
RET'R	AA and others		
NOTES	None		

Tape contains three full adventures. Greedy Gulch — find the lost gold mine in an old deserted Western town. Pharaohs Tomb — steal the treatures from the long-dead Pharaoh's tomb. Magic Mountain — try to recover the ancient scroll of wisdom from the sorcerers.

ADVENTURE A — PLANET OF DEATH

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Artic Computing, Main St., Brandesburton, Driffield.		
RET'R	AA SC SM MZ BO GE		
NOTES	None		

Stranded on an alien planet, your only hope of escape is to find your captured spaceship. First, you must overcome many hazards and dangers on your trip.

ADVENTURE B — INCA CURSE

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Artic Computing, Main St., Brandesburton, Driffield.		
RET'R	AA SC SM MZ BO GE		
NOTES	None		

Your adventure starts in a South American jungle. Having explored the area, you now chance upon an, as yet, undisturbed Inca temple. Naturally your first task is to gain entry.

ADVENTURE C — THE SHIP OF DOOM

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Artic Computing, Main St., Brandesburton, Driffield.		
RET'R	AA SC SM MZ BO GE		
NOTES	None		

Your ship has been drawn by a Graviton Beam onto an alien cruiser. A hopless situation — unless you free your ship by pressing a button in the computer room.

ADVENTURE D — ESPIONAGE ISLAND

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Artic Computing, Main St., Brandesburton, Driffield.		
RET'R	AA SC SM MZ BO GE		
NOTES	None		

While on a reconnaissance mission your plane is hit by enemy fire. You must abandon your plane before it crashes, then make your way to the enemy stronghold.

AIRLINE

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£5	F'MT	Ca
SUP'R	C.C.S. Ltd., 14 Langton Way, London.		
RET'R	GA BM		
NOTES	None		

Compete with British Airways! Decide on number of aircraft and whether to buy or charter, levels of staffing and maintenance. Problems encountered — tax demands, strikes, cancelled flights, hijacks and crashes.

ALPHAPROBE

MEM	16K	BAUD	Norm
OL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Artic Computing Ltd., Main St., Blansburton, Driffield.		
RET'R	SM BO GE		
NOTES	None		

Find fuel dumps on strange planets for the NSS Alphaprobe.

ASTROMATHS

MEM	Unex.	BAUD	Norm
COL	N	SOUND	N
COST	£7.50	'MT	Ca
SUP'R	Scisoft, 5 Minster Gardens, Newthorpe, Eastwood, Notts.		
RET'R	AA		
NOTES	Educational games — for percentages, decimals and fractions. (7-15yrs).		

AUTOCHEF

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£5	F'MT	Ca
SUP'R	C.C.S. Ltd., 14 Langton Way, London, SE3.		
RET'R	BM		
NOTES	None		

You have a million in captial and need to increase this to £25 million in the shortest time possible. Inflation, strikes, sluggish markets are only some of the hazards to overcome.

ZX81 GAMES

BACKGAMMON

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Rd., Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

A high-quality program that's a must for experts and beginners alike. The computer uses fast and efficient machine code to choose its moves — you're certain of a tough and exciting game.

BARON

MEM	16K	BAUD	Norm
COL	N	OUND	N
COST	£5.95	F'MT	Ca
SUP'R	Temptation Software Ltd., 27 Cinque Ports Street, Rye, Sussex.		
RET'R	AA		
NOTES	None		

Could you accept the responsibility of a Barony? Farm your lands, maintain workers, hire merceneries, wage feudal wars? Yearly analysis of success or failure. For up to four players.

BEST POSSIBLE TASTE

MEM	1K	BAUD	Norm
COL	N	SOUND	N
COST	£5.00	F'MT	Ca
SUP'R	Automata UK Ltd., 27 Highland Road, Portsmouth, Hants.		
RET'R	AA and others		
NOTES	None		

This is a compilation tape of thirty short programs. They are entertaining fun. Mostly for adults.

BOUNCING GORILLAS

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Lyversoft, 66 Lime Street, Liverpool.		
RET'R	AA		
NOTES	None		

The animals are jumping off the top of the monkey house, you have to catch the gorillas and put them into the zoo van.

BRIDGEMASTER

MEM	1K/16K	BAUD	Norm
COL	N	SOUND	N
COST	£19.95	F'MT	Ca
SUP'R	Bridgemaster, PO Box 163, Slough.		
RET'R	AA		
NOTES	Full title: Bridgemaster Learning Package. The package contains separate versions for the 1K and 16K machines.		

Bridgemaster, prepared with world authority Terence Reese, teaches an absolute beginner to play bridge. The beginner is coached and plays through a carefully structured series of bridge deals.

CAMELOT

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£5	F'MT	Ca
SUP'R	C.C.S. Ltd., 14 Langton Way, London, SE3.		
RET'R	AA		
NOTES	None		

Game on adventures of Arthur Pendragon banished from Camelot with 10 warriors, 50 bags of gold and 10 of food. Find 7 items, re-enter Camelot and be crowned King.

CHESS

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Rd., Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

Chess, Chess Clock. Fast, efficient machine code, a graphic display of the board and pieces, plus six levels of ability. The Chess Clock program can be used at any time.

CHESS 1.4

MEM	16K	AUD	Norm
COL	N	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Abersoft, 7 Maes Afallen, Bow Street, Dyfed.		
RET'R	AA		
NOTES	None		

Graphic Chess game, 10 levels.

CITY PATROL

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Rd., Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

As the Commander of a laser — firing ship can you defend your city from suicide ships and aliens? Your rating depends on the city's survival!

COMMUNITY CHEST

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Artic Computing Ltd., Main Street, Bransburton, Driffield.		
RET'R	SM BO GE		
NOTES	None		

Pit your wits against the computer. Pay a fine if you land in jail.

COSMIC GUERILLA

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£3.95	F'MT	Ca
SUP'R	Quicksilva, Palmerston Park House, 13 Palmerston Rd., Southampton.		
RET'R	AA		
NOTES	None		

Fast machine-code arcade action, with high score table. Will drive QS sound and character boards.

CROAKA CRAWLA

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£3.95	F'MT	Ca
SUP'R	Quicksilva, Palmerston Park House, 13 Palmerston Rd., Southampton.		
RET'R	AA		
NOTES	None		

Features flies, crocodiles, sinking turtles, inverted logs, progressive difficulty attack waves.

DALLAS

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£5	F'MT	Ca
SUP'R	C.C.S. Ltd., 14 Langton Way, London, SE3.		
RET'R	GA BM		
NOTES	None		

A game of oil exploration and exploitation in Texas. Decisions required on purchasing concessions, movement and use of drilling rigs and building of platforms and pipelines.

DAMPER & GLOOPER

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Quicksilva, Palmerston Park House, 13 Palmerston Rd., Southampton.		
RET'R	AA		
NOTES	None		

Arcade games.

DICTATOR

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Bug-Byte Ltd., Canning Place, Liverpool 1.		
RET'R	SM BO LA DX RU MZ CU SC		
NOTES	None		

A simulation of life in the state of Ritimba. You must take advantage of the situation by maintaining peace among the people.

ZX81 GAMES

DOMINOES			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Phipps Associates 172 Kingston Road, Ewell, Surrey		
RET'R	AA and others		
NOTES	None		

Full implementation of the 3/5 scoring game where you play against the computer. The larger memory provides an opportunity for a more demanding strategy.

DO NOT PASS GO			
MEM	48K	BAUD	Norm
COL	N	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Work Force, 140 Wilsden Ave., Luton, Becs.		
RET'R	AA		
NOTES	None		

'Do Not Pass Go' is a faithful simulation of 'That Board Game' allows up to 6 players to compete without the need to attend to all the boring bits.

DUNGEONS OF DOOM			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£5.95	'MT	Ca
SUP'R	Temptation Software Ltd., 27 Cinque Ports Street, Rye, Sussex.		
RET'R	AA		
NOTES	None		

Two challenging adventure games — to seek or escape. Graphics show your position — status reports — different layout with each new game. Four players can search different levels and race.

FANTASY GAMES			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Rd., Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

Perilous Swamp involves rescuing a beautiful princess from the evil wizard — with monsters lurking along the way. Sorcerer's Island is where you're marooned. To escape, and avoid the dreadful beast, you'll probably need the help of the King of Dwarfs and the Grand Sorcerer.

FOOTBALL MANAGER			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Addictive Games, Albert House, Albert Road, Bournemouth.		
RET'R	BO MZ		
NOTES	None		

Football managerrent adventure game in which the player manages the team of his choice through English league and cup games. Features four divisions, cup matches, team selection, etc., etc.

FULL SCREEN BREAKOUT			
MEM	1K	BAUD	Norm
COL	N	SOUND	N
COST	£1.95	F'MT	Ca
SUP'R	New Generation, The Brooklands, 15 Sunnybank, Lyncombe Vale, Bath.		
RET'R	SM		
NOTES	None		

The classic arcade game, but this time written in 500 bytes of machine code, with all the capabilities of the bigger versions. A full screen game in just 1K.

GALACTIC TROOPER			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.99	F'MT	Ca
SUP'R	Romik Software Ltd., 272 Argyll Ave., Slough.		
RET'R	AA & others		
NOTES	None		

The object of the game is to destroy the Galactic Attack Force, and stop them landing on Earth in their landing craft.

GALACTIC PATROL			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Computer Rentals Ltd, 140 Wh techapel Road, London.		
RET'R	AA		
NOTES	None		

Your aim is to destroy as many Klingons as possible while heading for the storebase to refuel. There are 9 speed levels, 9 difficulty levels and 9 game lengths.

GALAXIANS			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£3.95	F'MT	Ca
SUP'R	Artic Computing, Main Street, Brandesburton, Driffield.		
RET'R	SM BO GE and others		
NOTES	one		

Once again these fiendish aliens from the planet Odd are on the rampage attacking your home planet. You must fight to the death to protect your home.

GALAXIANS & GLOOPS			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Quicksi va, Palmerston Park House, 13 Palmerston Rd, Southampton.		
RET'R	AA		
NOTES	None		

Two types of swooping, bombing galaxian are included — all fully adjustable. Gloops (a maze game) is featured as a bonus program.

GALAXY INVADERS			
MEM	4K	BAUD	Norm
COL	N	SOUND	N
COST	£4	F'MT	Ca
SUP'R	Bridge Software, 36 Fernwood, Marple Bridge, Stockport, Cheshire.		
RET'R	AA		
NOTES	None		

In machine code. Four ranks of five invaders. Ten difficulty levels.

GALAXY WARRIOR/ STARTREK			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Artic Computing, Main Street, Brandesburton, Driffield		
RET'R	SM BO GE		
NOTES	None		

Galaxy Warrior — Navigate your starship 'E' around the galaxy and destroy klingons 'K'. Computer keeps score. Startrek — You have 15 stardates to destroy 7 klingons.

1K GAMES			
MEM	1K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Bridge Software, 36 Ferndwood, Marple Bridge, Stockport, Cheshire.		
RET'R	AA		
NOTES	None		

Five games for the 1K ZX81. Test your real time skills with Duck Shoot and Moon Ladder. Hangman, Crossword and Letter Square are less hectic but more demanding of the intellectual skills.

1K GAMES PACK			
MEM	Unex	BAUD	Norm
COL	N	SOUND	N
COST	£5.95	F'MT	a
SUP'R	Sinclair Research Ltd., 25 Willis Road, Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

Slot Machine, Etch & Sketch, Slalom, Catch me if you can, Space Pirate, Spacefire1, Spacefire2, Car Crash, Man-eating Budgies, Maze, The wall. 11 games in all.

ZX81 GAMES

GHOST HUNT

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£3.95	F'MT	Ca
SUP'R	PSS, 452 Stoney Stanton Rd, Coventry.		
RET'R	BO MZ MI PM LA SM LS PC		
NOTES	None		

You are trapped in a maze full of deadly ghosts. Eat the vitamin pills and try to survive.

GULPMAN

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Micromega, Quantec Systems & Software Ltd, 230-236 Lavender Hill, London.		
RET'R	MZ GA		
NOTES	Cassette side 1 — for 16/48K Spectrum, side 2 — for 16K ZX81.		

All machine-code maze-chase with fifteen mazes, four chasers, player equipped with limited laser supply to fend off, but not kill, chasers. User-selectable speed and difficulty. Demonstration mode.

HOPPER

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£3.95	F'MT	Ca
SUP'R	PSS, 452 Stoney Stanton Road, Coventry.		
RET'R	BO MZ MI PM LA SM LS PC		
NOTES	None		

Drive a racing car around a maze nine times the size of TV screen avoiding ice rocks and chase cars.

HOPPER

MEM	16K	BAUD	Norm
COL	N	SOUND	N
OST	£3.95	F'MT	Ca
SUP'R	PSS, 452 Stoney Stanton Rd, Coventry.		
RET'R	BO MZ MI PM LA SM LS PC		
NOTES	None		

Can you get Fergus the Frog across the three lane highway and the treacherous river to the lilly pond.

INVADERS

MEM	16K	BAUD	N
COL	N	SOUND	N
COST	£4.45	F'MT	Ca
SUP'R	Abersoft, 7 Maes Afallen, Bow Street, Dyfed.		
RET'R	AA		
NOTES	None		

Invaders from Space blasting game.

INVADERS

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Bugbyte Ltd., Canning Place, Liverpool.		
RET'R	SM BO LA DX RU MZ CU SC		
NOTES	None		

Fast moving version of the famous arcade game, with ten levels of play, from easy to suicidal.

KNIGHT'S QUEST

MEM	48K	BAUD	Norm
COL	N	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Phipps Associates, 172 Kingston Road, Ewell, Surrey.		
RET'R	AA and others		
NOTES	None		

A classic adventure which uses split-screen and scrolling text window. You are a knight of Camelot set on a journey to recover Merlin's lost treasures.

KRAZY KONG

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£3.95	F'MT	Ca
SUP'R	PSS, 452 Stoney Stanton Road, Coventry.		
RET'R	BO MZ MI PM LA SM LS PC		
NOTES	None		

Can you rescue Jane from the evil Kong. Three different screens including barrels, fireballs, conveyer belts, pies, flans.

LYNCHMOB

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Bridge Software, 36 Fernwood, Marple Bridge, Stockport.		
RET'R	AA		
NOTES	None		

A competitive game of skill and strategy for two to six players developed from the popular tradional game of Hangman. Incorporates animated graphics.

MAZEMAN

MEM	16K	AUD	Norm
COL	N	SOUND	N
COST	£4.45	F'MT	Ca
SUP'R	Abersoft, 7 Maes Afallen, Bow Street, Dyfed.		
RET'R	AA		
NOTES	None		

Maze chase game.

MAZOGS

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£7.95	F'MT	Ca
SUP'R	Bug-Byte Ltd., Canning Place, Liverpool.		
RET'R	SM BO LA DX RU MZ CU SC		
NOTES	None		

This is a maze game with very fast moving animated graphics. Has three levels of play, and comes with comprehensive instructions.

MINES OF SAT/RTN TO EARTH

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Mikro-Gen, 24 Agar Crescent, Bracknell, Berks.		
RET'R	AA		
NOTES	Full Title: Mines of Saturn/Return to earth.		

Mines of Saturn — on an orbit of Saturn, you make a forced landing and you set off in search of crystals to refuel. Return to Earth — you reach Earth Station 1, but find it deserted. Explore the station and find some way to alert Earth.

MONSTER MINE

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Gem Software (B/S) Ltd., The Maltings, Station Road, Sawbridgeworth, Herts.		
RET'R	PC SC		
NOTES	None		

Escape from the mine with as much money as you can, but don't get closed in or caught by the prowling monsters. Machine code program, with save facility.

MUNCHEES

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£3.95	F'MT	Ca
SUP'R	Quicksilva, Palmerston Park House, 13 Palmerston Rd., Southampton.		
RET'R	AA		
NOTES	None		

Features ghostly ghosts, pills and fruit, munchy munchees.

NAMTIR RAIDERS

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£3.95	F'MT	Ca
SUP'R	Artic Computing Ltd., Main St., Blansburton, Driffield, N. Humberside.		
RET'R	SM BO GE		
NOTES	None		

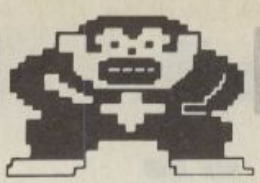
The objective is to shoot down as many raiders as possible without being hit more than 5 times.

NOWOTNIK PUZZLE

MEM	16K	BAUD	Norm
COL	N	SOUND	N
OST	£4.95	F'MT	Ca
SUP'R	Phipps Associates, 172 Kingston Road, Ewell, Surrey.		
RET'R	AA and others		
NOTES	None		

The Computer breaks a four-by-four square in front of your eyes — you must try to restore it.

ZX81 GAMES



OCEAN TRADER

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£3.95	F'MT	Ca
SUP'R	Quicksilva, Palmerston Park House, 13 Palmerston Rd., Southampton.		
RET'R	AA		
NOTES	None		

Set in 19th century England, the player is the owner and captain of a trading vessel sailing between five ports. A text adventure with graphics, featuring trading, storms, pirates and sea mists.

OH MUMMY

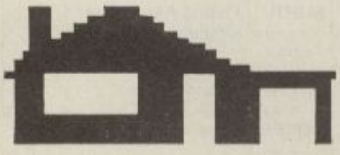
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Gem Software, Unit D, The Maltings, Station Rd., Sawbridgeworth, Herts.		
RET'R	AA		
NOTES	None		

Your party archeologists enter the pyramid in search of the mummies of pharoah's household. there are five burial chambers containing treasure, secrets scrolls, keys, royal mummies and some nasty surprises

PELOPONNESIAN WAR

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.50	F'MT	Ca
SUP'R	M.C. Lothlorien, 45a Park Lane, Poynton.		
RET'R	MZ & others		
NOTES	Separate playing instruction booklet provided		

Use your diplomats, generals and naval forces to secure the alliance of the neutral Greek states against the Spartans, whom you must defeat in the final battle. Three levels of play.



PILOT

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Hewson Consultants Ltd., 60a St. Mary's Street, Wallingford, Oxon.		
RET'R	AA		
NOTES	None		

Flight simulator. Including A/H, A/C, ADF, ILS, DME, VNE, WND, HDG, ALT, VSI, RPM, ASI, NDB, VOR, R. Seven modes including Autolanding. Varying degreees of difficulty.

PIONEER TRAIL

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£3.95	F'MT	Ca
SUP'R	Quicksilva, Palmerston Park House, 13 Palmerston Rd., Southampton.		
RET'R	AA		
NOTES	None		

An adventure set in the wild west featuring 20 levels of play. Text and graphics with occasional rifle shooting.

PRIVATEER

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.50	F'MT	Ca
SUP'R	M.C. Lothlorien, 56a Park Lane, Poynton.		
RET'R	MZ & others		
NOTES	None		

All graphic three part game. Set during time of Nelson you must destroy a shore battery, sail your ship to intercept up to five Privateers. If successful you will engage in combat.

PUCKMAN

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Hewson Consultants Ltd., 60a St. Mary's Street, Wallingford, Oxon.		
RET'R	AA		
NOTES	None		

Scour one maze for food including magic strawberries. Dodge the ghosts who will devour you. But eat a magic strawberry and you can temporary eat the ghosts.

QS ASTEROIDS

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£3.95	F'MT	Ca
SUP'R	Quicksilva, Palmerston Park House, 13 Palmerston Rd., Southampton.		
RET'R	AA		
NOTES	None		

Features wrap-around screen and firing in eight directions

QS DEFENDA

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£3.95	F'MT	Ca
SUP'R	Quicksilva, Palmerston Park House, 13 Palmerston Rd, Southampton.		
RET'R	AA		
NOTES	None		

Features full screen display with scenery and up to 84 fast moving characters on screen.

QS INVADERS

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£3.95	F'MT	Ca
SUP'R	Quicksilva, Palmerston Park House, 13 Palmerstone Road, Southampton		
RET'R	AA		
NOTES	None		

Features 7 rows of 13 invaders, three levels of play and random saucers.

QS SCRAMBLE

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£3.95	F'MT	Ca
SUP'R	Quicksilva, Palmerston Park House, 13 Palmerston Road, Southampton		
RET'R	AA		
NOTES	None		

Features random landscape, fuel guage, alien attackers.

RAIDER

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Artic Computing, Main Street, Bransburton, Driffield, N. Humberside		
RET'R	SM BO GE		
NOTES	None		

You are the pilot of a cosmic jet fighter and sent on a mission to attack the planet Tharg. You have missiles and bombs to help you.

REVERSI

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Road Cambridge		
RET'R	AA SC SM MZ		
NOTES	None		

Reversi is a modern version of the late 19th Century board game, Othello. This major game of strategy can be played at nine levels — against the computer or a friend.

ROMAN EMPIRE

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.50	F'MT	Ca
SUP'R	M.C. Lothlorien, 56A Park Lane, Poynton		
RET'R	MZ and others		
NOTES	Seperate playing instruction book provided		

Wargame to test your abilities of generalship. Build up legions into armies and use these to subdue the hostile countries. Takes account of morale, fighting efficiencies etc., three levels of play.

ZX81 GAMES

SABOTAGE			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Rd., Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

An exciting strategy game where you choose be be the guard or saboteur. Boxes of ammunition are placed randomly in the compound for you to defend or attack.

SAMURAI WARRIOR			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.50	F'MT	Ca
SUP'R	M.C. Lothlorien, 56a Park Lane, Poynton.		
RET'R	MZ & others		
NOTES	Separate playing instruction booklet		

Text adventure game for children. As a Samurai you must defeat challenges from other Samurai. Kill bandit groups who attack you and seek to beat the points target. Seven levels of play.

SPACE MISSION			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Gem Software (B/S) Ltd., The Maltings, Station Road, Sawbridgeworth, Herts.		
RET'R	SC		
NOTES	None		

You launch from lunar base to fight your way through the asteral belt, and do battle with the enemy fleet. Multi-level machine code program.

SPACE RAIDERS VS. BOMBERS			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Road, Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

Your skill is all that's stopping successive waves of aliens from destroying Earth. Use your gun base to attack. Shelter behind buildings . . . move out and blast the passing alien spaceship!

STARQUEST & ENCOUNTER			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£3.95	F'MT	Ca
SUP'R	Quicksilva, Palmerston Park House, 13 Palmerston Rd., Southampton.		
RET'R	AA		
NOTES	None		

Distinctive Pixel games

SUBSPACE STRIKER & ZOR			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£3.95	F'MT	Ca
SUP'R	Quicksilva, Palmerston Park House, 13 Palmerston Rd., Southampton.		
RET'R	AA		
NOTES	None		

Distinctive Pixel Games.

SUPER DOCKER/HANGMAN			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Lyversoft, 66 Lime Street, Liverpool.		
RET'R	AA		
NOTES	None		

Super Docker — guide a space ship into this doking bay of the mothership. Hangman — a version of the age old spelling game.

SUPER GLOOPER			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Rd., Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

Help the Super Glooper complete the maze before the guards catch him. Help the frogs hop across a fast-flowing stream.

SUPER NINE			
MEM	Unex.	BAUD	Norm
COL	N	SOUND	N
COST	£4.99	F'MT	Ca
SUP'R	Romik Software Ltd., 272 Argyll Ave., Slough.		
RET'R	AA & others		
NOTES	None		

A compendium of nine 1K machine code games: 1. Canyon; 2. Asteroids; 3. Astroblaster; 4. Defender; 5. Squash; 6. Scramble; 7. Sketch; 8. Cosmic Raider; 9. Four Thought.

SUPER PROGRAMS 6			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Rd., Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

Galactic Invasion, Journey into Danger, Create, Nine Hole Golf, Solitaire, Daylight Robber. Six games making full use of the ZX81's moving graphics capability.

SUPER PROGRAMS 7			
MEM	Unex.	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Road, Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

Racetrack, Chase, NIM, Tower of Hanoi, Docking the Spaceship, Golf. Six games including the fascinating Tower of Hanoi problem.

SUPER PROGRAMS 8			
MEM	16K	AUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Rd., Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

Star Trail (plus blank tape on side 2). Can you, as Captain Church of the UK spaceship Endeavour, rid the galaxy of the Klingon menace?

SUPER INVADERS			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Bridge Software, 36 Fernwood, Marple Bridge, Stockport, Cheshire.		
RET'R	AA		
NOTES	None		

An enhanced version of Galaxy Invaders with animated on-screen instructions and league-tables of hi-scores at each of three difficulty levels.

SWORD OF PEACE/ZOMBIES			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Artic Computing, Main St., Bransburton, Driffield, W. Humberside.		
RET'R	AA and others		
NOTES	None		

TAI			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	PSS, 452 Stoney Stanton Road, Coventry.		
RET'R	BO MZ MI PM LA SM LS PC		
NOTES	None		

A two screen arcade game set on the planet TAI.

ZX81 GAMES

TEN 1K GAMES			
MEM	1K	BAUD	Norm
COL	N	SOUND	N
COST	£3.50	F'MT	Ca
SUP'R	Computer Rentals Ltd., 140 Whitechapel Rd, London.		
RET'R	AA		
NOTES	None		

A collection of ten 1K programs for any ZX81 including Crocodile Swamp, Survival, Night Rally, Airstrike, Missile Chase, Music and Invader Dodge. All programs are started by using run followed by new line.

THE ARCADE COLLECTION			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.50	F'MT	Ca
SUP'R	Work Force, 140 Wilsden Ave., Luton Beds.		
RET'R	AA		
NOTES	None		

Bumper Thumper — Trapped in a screen sized frame and surrounded by Blockers your task is daunting. A machine driven chaser is after your life. Danger Track — A fast machine code game where the player controls a race car in a maze 30 times bigger than the screen.

THE ARCADE COLLECTION			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.50	F'MT	Ca
SUP'R	Workforce, 140 Wilsden Ave., Luton Beds.		
RET'R	AA		
NOTES	None		

Phantoms — Machine code magic. Oh boy! Are you in trouble. This is a fast version of'P . . man' for Pro-arcaders only. Crashboot — A machine code manic boot whose sole aim in life is to jump on your head. Several screens of squares all of which have to be cleared to reach the ultimate hall of fame.

THE ARCADE COLLECTION			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.50	F'MT	Ca
SUP'R	Work Force, 140 Wilsden Ave,. Luton Beds.		
RET'R	AA		
NOTES	None		

Moonlander — is the classic lander program with a difference. Written in machine code it presents a very difficult version with very precise control. Two stages of landing. 3D Space Battle — Warning for pro-arcaders only

THRO THE WALL			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Road Cambridge		
RET'R	AA SC SM MZ		
NOTES	None		

Can you schieve a breakthrough and destroy the whole wall? Scramble tests your skills and reaction as a fighter pilot.

TRADER			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£9.95	F'MT	Ca
SUP'R	Quicksilva, Palmerston Park House, 13 Palmerston Rd., Southampton.		
RET'R	AA		
NOTES	None		

Graphic adventure trilogy featuring three programs on one cassete. Supplied with extensive instruction booklet, and in a box. The object is to complete a successful and profitable mission around the Moons of Meridien by buying and selling various commodities whilst avoiding deadly pitfalls.

TYRANT OF ATHENS			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.50	F'MT	Ca
SUP'R	M.C. Lothlrien, 56a Park Lane, Poynton.		
RET'R	MZ & others		
NOTES	Separate instruction bookle: provided		

Adventure wargame in which you must rule Athens, build armies and ships and defeat your enemies by land and sea. Suceed or be ousted by your people.

WARLORD			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.50	F'MT	Ca
SUP'R	M.C. Lothlorien, 56a Park Lane, Poynton.		
RET'R	MZ & others		
NOTES	Separate instruction booklet provided		

Rule a village in Japan, feed your villagers, hire mercenaries and raid villages. Face leadership challenge if you cannot defeat the armies and Samurai of your five opponenets. Three levels of play.

ZX CHESS II			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£9.95	F'MT	Ca
SUP'R	Main Street, Brandesburton, Driffield.		
RET'R	SM BO GE		
NOTES	None		

Full feature computer chess program.

1K ZX CHESS			
MEM	1K	BAUD	Norm
COL	N	SOUND	N
COST	£2.95	F'MT	Ca
SUP'R	Artic Computing, Main Street, Brandesburton, Driffield		
RET'R	SM BO GE		
NOTES	None		

Chess game for the ZX81.

1K ZX CHESS			
MEM	Unex.	BAUD	Norm
COL	N	SOUND	N
COST	£2.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Rd., Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

Yes, it is possible to play chess on a standard ZX81. All moves are checked for legality, and the board is displayed graphically.

3D BLACK STAR			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Quicksilva, Palmerston Park House, 13 Palmerston Rd., Southampton.		
RET'R	AA		
NOTES	None		

Original arcade type game.

3D DEFENDER			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	New Generation, The Brooklands, 15 Sunnybank, Lyncombe Vale, Bath.		
RET'R	SM MZ		
NOTES	None		

A fast 3D version of the popular arcade game. You have a cockpit view of the planet's surface, with radar, altimeter, proximity warning and photon torpedoes to destroy enemy craft.

3D MONSTER MAZE			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	New Generation, The Brooklands, 15 Sunnybank, Lyncombe Vale, Bath.		
RET'R	SM MZ		
NOTES	None		

Explore and find the exit of this three dimensional random maze, whilst avoiding Tyrannosaurus Rex. He will be hunting you and pounding up long corridors until all teeth and eyeballs.

ZX81 BUSINESS

DATABASE			
MEM	Unex.	BAUD	Norm
COL	N	SOUND	N
COST	£19.95	F'MT	Ca
SUP'R	Gemini Marketing Ltd., 18A Littleham Road Exmouth Devon		
RET'R	AA		
NOTES	None		

Database management system — stores information in a card index format.

VU CALC			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£7.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Road Cambridge		
RET'R	AA SC SM MZ		
NOTES	None		

A calculator with a difference! Vu-calc is a sophisticated program that calculates and displays a complete table or array of numbers, rather than just one figure.

VU-FILE			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£7.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Road Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

Buried by paperwork? Let your Spectrum take the strain. Vu-file can store information easily and compactly, and order, sequence, search and list files very rapidly.

ZX81 EDUCATION

ANGLES			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£3.00	F'MT	Ca
SUP'R	AVC Software PO Box 415, Harborne, Birmigham.		
RET'R	AA		
NOTES	None		

A simple CAL program to give practice in use of protractor. Special screen-size protractor 75p extra. Middle school and up.

ANIMATED ARITHMETIC			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£6.50	F'MT	Ca
SUP'R	LCL, 26 Avondale Ave., Staines.		
RET'R	AN LC LY SN IN CC MH AI		
NOTES	None		

This teaches arithmetic using moving colour pictures (not words). Suitable for ages 3-8 or for remedial classes.

ATOMS			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£3.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne Birmingham.		
RET'R	AA		
NOTES	None		

For Chemistry, 16+ upwards and advanced level physics — a sophisticated drill on nuclear and electronic configurations, designed as a game for one to six players.

BEARINGS			
MEM	32K	BAUD	Norm
COL	N	SOUND	N
COST	£5.10	F'MT	Ca
SUP'R	Bryants Software, 1 the Hollies, Chalcraft Lane, N. Bersted, Bognor Regis.		
RET'R	IN MR MO BA NS		
NOTES	None		

Draws bearings in multiples of 015: draws second bearing from first: Uses game and graphic locations for added interest. OS1.2

BIOLOGY 1			
MEM	48K	BAUD	Norm
COL	N	SOUND	N
COST	£3.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham.		
RET'R	AA		
NOTES	None		

A full-feature hangman game with a pool of 50 target words/phrases and crypitc graphic or verbal clues, covering 16+ animal biology.

BIOLOGY 2			
MEM	48K	BAUD	Norm
COL	N	SOUND	N
COST	£3.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham.		
RET'R	AA		
NOTES	None		

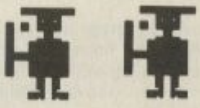
A full-feature hangman game with a pool of 50 target words/phrases and cryptic graphic or verbal clues, covering 16+ plant and general biology.

CALPAC CHEMISTRY SERIES O-LEVEL			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£7.50	F'MT	Ca
SUP'R	Calpac Computer Software, 108 Hermitage Woods Cres., St. Johns, Woking.		
RET'R	AA		
NOTES	None		

CALPAC PATTERNS			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Calpac Computer Software, 108 Hermitage Woods Cres., St. Johns, Woking.		
RET'R	AA		
NOTES	None		

CASSETTE 80			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£5	F'MT	Ca
SUP'R	LCL, 26 Avondale Ave., Staines, Middx.		
RET'R	AN LC LY SN IN CC MH AI		
NOTES	None		

Four junior maths programs on percentages and fractions, averages, column graphs, ratio, proportion, etc., they are suitable for self-tuition or revision. They are, in fact, the four easiest programs from micro maths.



CHAMPIONS QUIZ			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Rose Software, 148 Widney Lane, Solihull, West Midlands.		
RET'R	BM DB CM CP TL ZX EC HO		
NOTES	None		

An educational quiz consisting of four programs. Questions cover General Knowledge, Reasoning, English and Maths. All questions use the RND function in some way. Can you beat the clock?

CHEMISTRY			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£8.95	F'MT	Ca
SUP'R	Scisoft, 5 Minster Gds., Newthorpe, Eastwood, Notts.		
RET'R	AA		
NOTES	None		

A suite of several programs including problems, multiple choice questions and discover 'unknowns'. Comprehensive revision notes included (13-16yrs).

CLAWS			
MEM	32K	BAUD	Norm
COL	N	SOUND	N
COST	£5.10	F'MT	Ca
SUP'R	Bryants Software, 1 The Hollies, Chalcraft Lane, N. Bersted, Bognor Regis.		
RET'R	IN MR MO BA NS		
NOTES	None		

Animated claw moves once choice is made of arithmetical operations with hidden element only revealed once program is started.

ZX81

EDUCATION

COMPOUND

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£3.00	F'MT	Ca
SUP'R	AVC Software PO Box 415, Harbourne, Birmingham		
RET'R	AA		
NOTES	None		

For Chemistry, CSE upwards — a game for one to six players using qualitative analysis data to determine the target substance.

CORN CROPPER

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£5.00	F'MT	Ca
SUP'R	C.C.S. Ltd., 14 Langton Way, London SE3 7TL.		
RET'R	BM		
NOTES	None		

Simulation of a commercial wheat farm. Start with £50,000. 30 acres, a tractor and 2 workers. Decision on planting, irrigating, fertilizing, spraying, harvesting, buying seed corn, land and machinery.

COUNTDOWN

MEM	32K	BAUD	Norm
COL	N	SOUND	N
COST	£3.00	F'MT	Ca
SUP'R	AVC Software PO Box 415, Harborne, Birmingham.		
RET'R	AA		
NOTES	Printer option		

Tests of ten questions from pools of 20 of three levels. With 10/10, the rocket, built during the game, takes off. REMs helps you enter own data.

ELECTRIC

MEM	48K	BAUD	Norm
COL	N	SOUND	N
COST	£3.00	F'MT	CA
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham.		
RET'R	AA		
NOTES	None		

A full-feature hangman game with a pool of 50 target words/phrases and cryptic graphic or verbal clues, covering electricity topics for CSE/O level.

FORCES

MEM	48K	BAUD	Norm
COL	N	SOUND	N
COST	£3.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham.		
RET'R	AA		
NOTES	None		

A full feature hangman game with a pool of 50 target words/phrases and cryptic graphic or verbal clues, covering statistics and dynamic for CSE/O levels.

FORENSIC

MEM	32K	BAUD	Norm
COL	N	SOUND	N
COST	£3.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham.		
RET'R	AA		
NOTES	None		

For Chesmistry, CSE upwards — a detection game involving standard qualitiative tests. The program won an award in the 1982 Sinclair Educational competition.

FRENCH

MEM	32K	BAUD	Norm
COL	N	SOUND	N
COST	£3.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham.		
RET'R	AA		
NOTES	Printer option		

Tests of ten vocabulary questions from pools of twenty at each of three levels or mixed. With 10/10, the rocket, built during the game, takes off. End of first year.

(FUN TO LEARN SERIES) ENGLISH LITERATURE

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Rd., Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

A novel program that's a must for your software library! Questions — which can be answered by up to 4 players in rotation — cover novelists, poets and playwrites.

(FUN TO LEARN SERIES) ENGLISH LITERATURE 2

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Rd., Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

Who wrote 'Song of the Shirt'? Which playwright also played cricket for England?

(FUN TO LEARN SERIES) GEOGRAPHY

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Rd., Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

Why should learning countries and captals be a dreary business? Geography 1 has two categories to choose from — towns in England and Wales and countries and capitals of Europe.

(FUN TO LEARN SERIES) HISTORY 1

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Rd., Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

Give your ZX81 a history lesson and test your knowledge at the same time! The computer will organise a competition in the form of a race.

(FUN TO LEARN SERIES) INVENTIONS 1

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Rd., Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

If you take today's appliances for granted, Inventions is the program for you! You'll be amazed and surprised at how recent some innovations are, and how long ago others had their beginnings!

(FUN TO LEARN SERIES) MATHEMATICS

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Rd., Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

Questions and answers on basic mathematics at different levels of difficulty.

(FUN TO LEARN SERIES) MUSIC 1

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Rd., Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

An informative program that takes you from instrument to musician, through to the composer of the piece. Choose classical or opera — then pick from 6 categories of questions.

(FUN TO LEARN SERIES) SPELLING 1

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Rd., Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

Listen to the word spoken on your tape recorder, then spell it out on your ZX81. 300 words in total suitable for 6-11 year olds.

GEOGRAPHY

MEM	48K	BAUD	Norm
COL	N	SOUND	N
COST	£3.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham.		
RET'R	AA		
NOTES	None		

A full feature hangman game with a pool of 50 target words/phrases and cryptic graphic or verbal clues, covering aspects of British geography.

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EDUCATION

GERMAN

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£3.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham.		
RET'R	AA		
NOTES	Printer option		

Tests of ten vocabulary questions from pools of twenty at each of three levels or mixed With 10/10, the rocket, built during the game, takes off. End of first year.

GRAPH

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£3.00	F'MT	CA
SUP'R	AVC Software, PO Box 415, Harborne Birmingham.		
RET'R	AA		
NOTES	Printer option		

Plots any input x/y relation over wide ranges of user-defined values. Primary level and up.

HANGPERSON

MEM	48K	BAUD	Norm
COL	N	SOUND	N
COST	£3.00	F'MT	Ca
SUP'R	AVC Software PO Box 415, Harborne Birmingham.		
RET'R	AA		
NOTES	None		

A full-feature hangmar game with a pool of 50 target words/phrases and cryptic graphic or verbal clues. A skeleton into which user may add own targets.

HUMAN 1

MEM	48K	BAUD	Norm
COL	N	SOUND	N
COST	£3.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham.		
RET'R	AA		
NOTES	None		

A full-feature hangman game with a pool of 50 target words/phrases and cryptic graphic or verbal clues, covering 16+ respiration, skeleton, reproduction.

HUMAN 2

MEM	48K	BAUD	Norm
COL	N	SOUND	N
COST	£3.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham.		
RET'R	AA		
NOTES	None		

A full-feature hangman game with a pool of 50 target words/phrases and cryptic graphic or verbal clues, covering 16+ excretion, digestion, health.

IONISATION

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£3.00	F'MT	Ca
SUP'R	AVC Software, PO Box, 415, Harborne, Birmingham.		
RET'R	AA		
NOTES	None		

For chemistry, 16+ upwards — plots ionisation energies for input groups/periods and clearly shows important patterns graphically.

INTERMEDIATE ENGLISH 1

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Rose Software, 148 Widney Lane, Solihull, West Midlands.		
RET'R	BM DB CM CP TL ZX EC HO		
NOTES	Printer optional		

Consists of six teach and test programs:- Meaning (of words) 1, Meanings 2 (higher level), Parts of Speech, Proverbs, Similes and Anagrams. Each program has a different jackpot game incorporated with moving graphics. Correct answers and running totals shown, plus a certificate. HELP facilities in Parts of Speech and Anagrams.

INTERMEDIATE ENGLISH 2

MEM	16K	BAUD	Norm
COL		SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Rose Software, 148 Widney Lane, Solihull, West Midlands.		
RET'R	BM DB CM CP TL ZX EC HO		
NOTES	Printer optional extra		

Consists of six teach and test programs:- Idioms, Opposites 1, Opposites 2, Group Terms, Odd Word Out, Spellings, each program has a different jackpot game incoporated with moving graphics. Correct answers and running totals shown, plus a certificate.

INTERMEDIATE MATHS 1

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Rose Software, 148 Widney Lane, Solihull, West Midlands.		
RET'R	BM DB CM CP TL ZX EC HO		
NOTES	Printer optional extra		

Six programs which first teach and then test, using generated numbers. Long multiplication (allows for entry of all working), Long Division (all working shown on screen), Highest Common Factor, Lowet Common Multiple, Freactions 1 (+ & -), Fractions 2 (x & -). Each program has a different incentive jackpot game with moving graphics. Correct answers and running totals shown. Appropriate help facilities plus a printed certificate.

INTERMEDIATE MATHS 2

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Rose Software, 148 Widney Lane, Solihull, West Midlands		
RET'R	BM D3 CM CP TL ZX EC HO		
NOTES	Printer optional extra		

Six programs which first teach and then test, using generated numbers. Areas (7 basic shapes), Perimeters (5 shapes), Simple Equations, Percentages, Sets, Vann Diagrams. Each program has a different incentive jackpot game with moving graphics. Correct answers and running totals shown. Appropriate help facilities plus a printed certificate.

INVASION FORCE

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£3.95	F'MT	Ca
SUP'R	Artic Computing, Main St., Brandesburton, Driffield.		
RET'R	SM BO MZ & others		
NOTES	None		

JUNGLE MATHS

MEM	16K	BAUD	Norn
COL	N	SOUND	N
COST	£7.50	F'MT	CA
SUP'R	Scisoft, 5 minster Gardens, Newthorpe, Eastwood, Notts.		
RET'R	AA		
NOTES	None		

Educational game — for addition, subtraction, multiplycation and division 5 — 13 years.

MARKBOOK

MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£10	F'MT	Ca
SUP'R	Scisoft, 5 Minster Gardens, Newthorpe, Eastwood Notts.		
RET'R	AA		
NOTES	None		

Teachers notebook.

MATHS 1, 2, 3, 4, & 5

MEM	1K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Simon Software, Blansheay, Droitwich Rd., New End, Redditch, Worcs.		
RET'R	AA		
NOTES	9K version also available		

Maths 1 — number, area, fractions, decimals, money, length, number, estimation. Game 1: draw a picture. Maths 2 — volume, ratio, percentage, perimeter, bases, time, number, estimation. Game 2: try to cross the road. Maths 3 — directed, coordinate, angles, scale, dice, density, temp, estimation. Game 3: play rugby. Maths 4 — square root, indices, circles, inequality, statistics, number, fractions, angles. Game 4: defend you star fleet. Maths 5 — linear, directed, statistics, cards, circles, quadratic, pythagoras, equations. Game 5: defend you command ship. Each section has a test using random questions.

MICRO MATHS

MEM	15K	BAUD	Norm
COL	N	SOUND	N
COST	£14.50	F'MT	Ca
SUP'R	LCL, 26 Avondale Ave., S:aines, Middx.		
RET'R	AV LC LY SN IN CC MH AI		
NOTES	None		

24 easy to use programs taking beginnrs to O-level standard. It is useful for revision or self-tuition. It is held on 2 cassettes and includes a manual and box. Programs include: Factorisation of Algebraic equations, simple and compound interest, statistics, trigorometry, differentiation, solution of triangles, percentages and fractions, changing bases of numbers, indices in Algebra, similar trianges, applications of Pythagors' theorem, profit and loss, simplification of bracketed quantities in Algebra, ratio and proportion, polygon properties, graphs of linear and quadratic functions, solution of algebraic equations, vectors, matrices, operations on numbers in different bases, simultaneous equations.

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EDUCATION

MODELLER X			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£8.00	F'MT	Ca
SUP'R	C.C.S. Ltd., 14 Langton Way, London.		
RET'R	AA		
NOTES	None		

A user friendly business modeller. Provides managers with a tool to plan strategic decisions. Shows the profit sensitivity and the interaction of the pertinent marketing and production factors. Manual included.

'O' LEVEL FRENCH REVISION			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Rose Software, 148 Widney Lane, Solihull, West Midlands.		
RET'R	BM DB CM CP TL ZX EC HO		
NOTES	None		

Six programs consisting of three teach and test Grammar programs:- verbs, pronouns, adjectives and comprehensive vocabulary programs:- vocab 1 (nouns), vocab 2 (verbs), vocab 3 (common expression, etc.)

'O' LEVEL MATHS REVISION			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Rose Software, 148 Widney Lane, Solihull, West Midlands.		
RET'R	BM DB CM CP TL ZX EC HO		
NOTES	None		

Three programs:- Program 1 first teaches and then tests using generated numbers. Menu Choice: 1. Matrix multiplication. 2. Inversion of a matrix. 3. Multibase Arithmetic: Addition. 4. Multibase Arithmetic: Subtraction. 5. Calculus: Differentiation. 6. Calculus: Integration Programs 2 and 3 are timed tests, using 30 questions based on the 'O' level syllabus. Explanations are given where appropriate. Numbers are generated.

PHYSICS			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£8.95	F'MT	Ca
SUP'R	Scisoft, 5 Minster Gardens, Newthorpe, Eastwood, notts.		
RET'R	AA		
NOTES	None		

A suite of several programms including problems,multiple choice questions, revision hints — comprehensive notes included.(13 — 16yrs)

PHYSPROB			
MEM	32K	BAUD	Norm
COL	N	SOUND	N
COST	£3.00	F'MT	CA
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham.		
RET'R	AA		
NOTES	Printer option		

Tests of ten physics questions from pools of twenty at each of three levels or mixed. With 10/10, the rocket, built during the game, takes off. CSE upwards.

PRIMARY ARMITHMETIC			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Rose software, 148 Widney Lane, Solihull,West Midlands.		
RET'R	BM DB CM CP TL ZX EC HO		
NOTES	Printer optional extra.		

Four programs:- Add, subtract, multiply and divide. Numbers are in large type size. Each program (except division) allows for the entry of units first, then tens, then hundreds. Vice versa for division. If a printer is attached, hard copy is given of incorrectly done sums. There are three levels to choose from:- 1. Units only. 2. Tens and Units. 3. Hundreds, tens, and units. In add and subtract (units only), the numbers are also represented by "'s to aid the user.

PRINT SHOP			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£5.00	F'MT	Ca
SUP'R	C.C.S. Ltd., 14 Langton Way, London SE3.		
RET'R	BM		
NOTES	None		

In 12 weeks make the profit that will stop your banker foreclosing. Work scheduling, staffing, purchasing and quoting within this time limit will test your business acumen.

SIMILES			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£3.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham.		
RET'R	AA		
NOTES	Printer option		

Tests of ten similes questions from pools of twenty at each of three levels or mixed. Qith 10/10, the rocket, built during the game, takes off. Primary upwards.

SPANISH			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£3.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham.		
RET'R	AA		
NOTES	Printer optional		

Tests of ten vocabulary questions from pools of twenty at each of three levels or mixed. With 10/10, the rocket, built during the game, takes off. End of first year.

TABLES			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£3.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harbourne, Birmingham.		
RET'R	AA		
NOTES	None		

Tests of ten tables questions from pools of twenty at each of three levels or mixed. With 10/10, the rocket, built during the game, takes off. Primary upwards.

TABLES			
MEM	32K	BAUD	Norm
COL	N	SOUND	N
COST	£5.10	F'MT	Ca
SUP'R	Bryants Software, 1 The Hollies, Chalcraft Lane, N. Bersted, Bognor Regis.		
RET'R	IN MR MO BA NS		
NOTES	None		

Tests on any table chosen between 2 to 80. Animated graphical reward or print-out of table up to, but not including last multiple if required. Real time score with revision list.

VOCABULARY TUTORS			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Artic Computing, Main St., Brandesburton, Driffield.		
RET'R	SM BO GE		
NOTES	None		

Learn up to 600 words quickly and easily. Computer will test you and keep score. Available for French, German and Spanish (3 for £12).

WAR GAME			
MEM	48K	BAUD	Norm
COL	N	SOUND	N
COST	£5/£6	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham.		
RET'R	AA		
NOTES	Comes with detailed booklet, printer option		

Not suitable for young children. After a presentation of the relevant facts of Hiroshima, the user must explore the effects of nuclear explosions over London in a range of conditions.

WIZARD BOX			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£7.50	F'MT	Ca
SUP'R	Scisoft, 5 Minster Gdns., Newthorpe, Eastwood, Notts.		
RET'R	AA		
NOTES	None		

Educational program to set a quiz, spelling test or foreign language vocabulary. All ages.

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UTILITY-MISC

ASSEMBLER			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£9.95	F'MT	Ca
SUP'R	Artic Computing Main Street Brandesburton Driffield		
RET'R	SM BO GE		
NOTES	None		

BIORYTHMS			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Roac, Cambridge		
RET'R	AA SC SM MZ		
NOTES	None		

Cyclic patterns exist in every individual: physical, emotional and intellectual. Now you can examine them in more detail! First follow the computer introduction. It will explain the science of your biorhythms in no nonsense terms.

EMPHEMERIS			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£6.90	F'MT	Ca
SUP'R	Bridge Software 36 Fernwood, Marple Bridge, Stockport, Cheshire		
RET'R	AA		
NOTES	ZX printer optional		

An observer's guide to the solar system. Provides the user with the information needed for solar, lunar and planetary observation. For amateur astronomers.

FLIGHT SIMULATION			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Sinclair Research Ltd, 25 Willis Road, Cambridge		
RET'R	AA SC SM MZ		
NOTES	None		

Flight Simulation (plus blank tape on side 2). Simulates a highly manoeuvrable light aircraft with full controls, instrumentation, a view through the cockpit window, and navigational aids. Happy landings!

FORTH			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£14.95	F'MT	Ca
SUP'R	Artic Computing, Main Street, Brandesburton, Driffield.		
RET'R	AA SC SM MZ BO GE		
NOTES	None		

Discover a new programming language which combines the simplicity of BASIC with the speed of machine code. FORTH's compiled code occupies less than a quater of the equivalent BASIC program, and runs ten times as fast!

FORTUNE			
MEM	16K	BAUD	Norm
COL	Y	SOUND	Y
COST	£3.00	F'MT	Ca
SUP'R	AVC Software, PO Box 415, Harborne, Birmingham.		
RET'R	AA		
NOTES	None		

A cassette for fun(d-raising), this fortune-telling program gives graphic displays, including Zodiac sky for input birthdate, and neat random text output.

GRAPHICS STARTER PACK			
MEM	1K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Bridge Software, 36 Fernwood, Marple Bridge, Stockport.		
RET'R	AA		
NOTES	None		

Four 1K graphics programs on cassette with a twelve page manual illustrating the use of the ZX graphics procedures.

HIGH RESOLUTION			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Computer Rentals Ltd., 140 Whitechapel Rd., London.		
RET'R	AA		
NOTES	Instruction booklet supplied		

A utility that will give the ZX81 high resolution. There are eight commands and 192 x 256 portable points. The only Hardware required is the ZX-81 16K.

INFRARED			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£6.75	F'MT	Ca
SUP'R	ACS Software, 7 Lidgett Crescent, Roundhay, Leeds.		
RET'R	RR BM SS MC PI LE SO LA		
NOTES	None		

Infrared is the complementary disassembler to ultraviolet. it allows machine code programs to be read as Z80 mnemonics. Disassembled listings can be copied to the printer.

MACHINE CODE TEST TOOL			
MEM	12K	BAUD	Norm
COL	N	SOUND	N
COST	£9.95	F'MT	Ca
SUP'R	Oxford Computer Publishing Ltd., 4A High Street, Chalfont St. Peter, Bucks		
RET'R	SM BS WP PE		
NOTES	None		

A utility program for ZX81 which comes complete whith tutorial course enabling you to enter, test, display and debug hexadecimal machine code routines simply and quickly.

MCODER II			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£8.95	F'MT	Ca
SUP'R	PSS,452 Stoney Stanton Road, Coventry.		
RET'R	BO MZ MI PM LA SM LS PC		
NOTES	None		

If you've ever wanted to write super fast programs and find BASIC operates just too slowly, then MCODER II is the program you need. Integer compiler.

MULTIGRAPHICS			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£6.90	F'MT	Ca
SUP'R	Bridge Software, 36 Fernwood, Stockport, Cheshire.		
RET'R	AA		
NOTES	None		

A menu-driven package of procedures enabling the user to control the ZX81 graphics functions. Includes eight directional sketchpad and functions enabling three sizes of text to be placed anywhere.

PRACTICAL WIRELESS RADIO PROGRAMS — 1			
MEM	1K/16K	BAUD	Norm
COL	N	SOUND	N
COST	£3.50	F'MT	Ca
SUP'R	P.W., IPC Magazines Ltd., Westover House, West Quay Rd, Poole, Dorset.		
RET'R	PW		
NOTES	Audio amp and speaker needed to amplify sound output from mic. socket for 'morse' progs.		

Four 1K and four 16K programs for radio amateurs. Random morse for practice, Oth locators, distance and bearings. Callsign filing system, logbook, spurious frequency calculations and a program that tracks the russian RS series and oscar 8 amateur radio satellites.

PRACTICAL WIRELESS RADIO PROGRAMS — 2			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£5.75	F'MT	Ca
SUP'R	P.W., IPC Magazines Ltd, Westover House, West Quay Road, Poole, Dorset.		
RET'R	PW		
NOTES	Simple output port plus morse practice oscillator needed.		

A structured morse learning course. Teaches, and gives practice in, morse code for beginners or amateurs wanting to improve. Letters, numbers, punctuation at speed from three w.p.m. to over 100 w.p.m.

PW RADIO PROGRAMS — 4			
MEM	16K	BAUD	Norm
OL	N	SOUND	
COST	£3.75	F'MT	Ca
SUP'R	Practical Wireless, IPC Magazines Ltd., Westover House, West Quay Rd., Poole.		
RET'R	PW		
NOTES	None		

Six programs of use to the Radio Amateur:- 'Ants & Feeds' antenna and feeder calculations. 'Range' radio range between two stations. 'Data' tuned circuit and coil design. 'QSL Cards' Prints QSL cards on a ZX printer. 'Meters' ammeter and Voltmeter design. 'Reactance' Reactance and impedance calculations.

ZX81

UTILITY-MISC

STATISTICS			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£6.90	F'MT	Ca
SUP'R	Bridge Software, 36 Fernwood, Marple Bridge, Stockport, Cheshire.		
RET'R	AA		
NOTES	ZX Printer optional. 1K version available.		

User-friendly menu-driven program enabling the user to compute a range of summary statistics analysis of variance, T tests, correlation and regression. Results may be output to ZX printer.

SUPER PROGRAMS 1			
MEM	Unex	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Road, Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

Invasion from Jupiter. Skittles. Magic Square. Doodle. Kim. Liquid Capacity. Five games programs plus easy conversion between pints/gallons and litres.

SUPER PROGRAMS 2			
MEM	Unex	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Road, Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

Rings around Saturn. Secret Code. Mindboggling. Silhouette. Memory Test. Metric conversion. Five games plus easy conversion between inches/feet/yards and centimetres/metres.

SUPER PROGRAMS 3			
MEM	Unex	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Road, Cambridge.		
RET'R	AA SC SM MZ		
NOTES	Programs 4 and 5 also available		

Train race. Challenge. Secret Message. Mind that Meteor. Character Doodle. Currency Conversion. Five games plus currency conversion at will — for example dollars to pounds.

TOOLKIT			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£5.95	F'MT	Ca
SUP'R	Artic Computing, Main Street, Brandesburton, Driffield		
RET'R	AA SC SM MZ BO GE		
NOTES	None		

Toolkit makes a programmer's life much easier by providing 9 new functions for the ZX81. Commands offered are: RENUM, DEL MEM, DUMP, FIND, REPLACE, SAVE/APPEND and REMKILL.

ULTRAVIOLET			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£7.50	F'MT	Ca
SUP'R	ACS Software, 7 Lidgett Crescent, Roundhay, Leeds.		
RET'R	RR BM SS MC PI LE SO LA		
NOTES	None		

The user does not have to wrestle with hexadecimal notation since Ultraviolet works entirely in decimal. All Z80 mnemonics are correctly assembled. Errors are clearly indicated by a two-message system.

VIEWPOINT			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£6.50	F'MT	Ca
SUP'R	ACS Software, 7 Lidgett Crescent, Roundhay Leeds.		
RET'R	RR BM SS MC PI LE SO LA		
NOTES	None		

An advanced graphics program. Using the same routines as those used by scientists for computer molecular modelling, Viewpoint brings 3D graphics to your Sinclair.

YAGI DESIGN			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Ground Control Software, Alfreda Avenue, Hullbridge, Essex		
RET'R	AA ES		
NOTES	None		

Yagi antenna design to N.B.S. recommendations. From 2 to 15 element with different material size permutations. Includes notes.

ZXAS			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Bug-Byte Ltd., Canning Place, Liverpool.		
RET'R	SM BO LA DX RU MZ CU SC		
NOTES	None		

A full specification Z80 assembler standard Z80 mnemonics are simply written into rem statments.

ZX81

HOME-PERSONAL

PERSONAL BANKING SYSTEM			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£9.95	F'MT	Ca
SUP'R	Hilton Computer Services Ltd., 14 Avalon Rd., Orpington, Kent.		
RET'R	BM SR ZX AA		
NOTES	12 page instruction manual included		

Supports datafiles, automatic posting of standing orders, entry search with print out by category with totals. Matches bank statement items automatically with PBS records highlighting all discrepanices.

TASWORD			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£6.50	F'MT	Ca
SUP'R	Tasman Software, 17 Hartley Crescent, Leeds.		
RET'R	AA		
NOTES	None		

Word processing program for the ZX81 and ZX printer.

THE COLLECTORS PACK			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£4.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 25 Willis Rd., Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

This comprehensive program should allow collectors (of stamps, coinc, etc.) to hold up to 400 records of up to 6 different items on one cassette. Keep your records up to date and sorted into order.

THE CLUB RECORD CONTROLLER			
MEM	16K	BAUD	Norm
COL	N	SOUND	N
COST	£6.95	F'MT	Ca
SUP'R	Sinclair Research Ltd., 26 Willis Rd., Cambridge.		
RET'R	AA SC SM MZ		
NOTES	None		

Club Record Controller holds records of up to 300 people — with names, addresses, and up to 9 other types of information vital to your club. You can list names, examine files, and alter and update all records held.

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Published quarterly by IPC Magazines Limited, Westover House, West Quay Road, Poole, Dorset BH15 1JG. Repro by G.M. Litho, Princes Risborough and C.G.M. Graphics, Poole. Printed by Chase Web Offset, St. Austell. Sole Agents: Australia and New Zealand — Gordon & Gotch (A'sia) Ltd., South Africa — Central News Agency Ltd. Subscriptions: Inland £7.50, Overseas £10.00 per annum payable to IPC Magazines Ltd., "Software Index" Subscriptions Department, Room 2816, Kings Reach Tower, Stamford Street, London SE1 9LS. Software Index is sold subject to the following conditions, namely that it shall not, without the written consent of the Publishers first be given, lent, resold hired out or otherwise disposed of by way of trade at more than the recommended selling price shown on the cover, and that it shall not be lent, resold, or hired out or otherwise disposed of in a mutilated condition or any unauthorised cover by way of trade or affixed to as part of any publication or advertising, literary or pictorial matter whatsoever.

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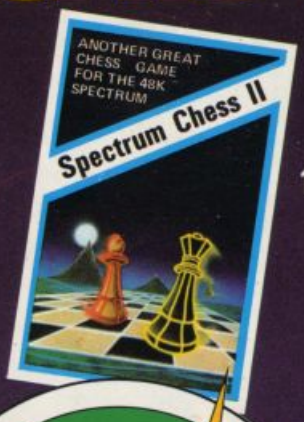

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