CHITCHITC

Hardware		Next Week
Past Memories We trace the development of computer memory and look at possibilities for the future	304	We look at the Tandy Model 10, a home computer designed for the beginner, but with many features found on more
Sharp MZ-711 We review this rather underrated Japanese home computer	309	Ergonomics' is a computer term that means designing machines that are easy and
Software	6	pleasant to use. We examine how this applies to home
Board Meeting Bulletin Boards are an easy and inexpensive way to get in touch with other computer users	306	The Disk Operating System keeps track of where everything is stored on a disk. We explain how this complex piece of
Basic Programming	>	software works
Expanding Files We examine file structures in our programming project	316	
Insights	1111	
Wired Society As well as numerous television channels, cable distribution could bring a range of other services into the home	301	XXX
One-Armed Bandits Robot arms are now available for even the cheapest home computers. We see how they operate	314	

Passwords To Computing Editorial Control We study the various 308 methods of program editing directly on the screen **Pioneers In Computing** Lyons' Share The corner teashop was the 320 driving force behind the development of the first British commercial computer

Sound And Light 312

Simple Sounds...Primary Pictures We look at graphics on the Commodore Vic-20 and sound on the Sinclair Spectrum

p. 314

p. 306

*Editor Richard Pawson; Consultant Editor Gareth Jefferson; Art Director David Whelan; Production Editor Catherine Cardwell; Staff Writer Roger Ford; Picture Editor Claudia Zeff; Designer Hazel Bernington; Art Assistants
Safu Maria Gilbert; Sub Editors Robert Pickenng, Keith Parish; Researcher Melanie Davis; Contributors Tim Heath, Henry Budgett, Brian Morris; Lisa Kely, Steven Colvill, Richard King, Geoff Nairns; Group Art Dir
Neville; Managing Director Stephen Engand; Censultant David Tebbutt; Published by Orbis Publishing Ltd: Editorial Director Brian Innes: Project Development Peter Brookesmith; Executive Editor Chris Cooper; Production Color Parish Circulation Director David Bleed; Marketing Director Michael Joyce; Designed and produced by Bunch Partworks Ltd; Editorial Office 85 Charlotte Street, London W1; © 1983 by Orbis Publishing Ltd: Typeset by Reproduction by Mullis Morgan Ltd; Printed in Great Britain by Artisan Press Ltd, Leicester

HOME COMPUTER COURSE — Price UK 80p IR £100 AUS \$1.95 NZ \$2.25 SA R1.95 SINGAPORE \$4.50 USA and CANADA \$1.95 How to shtain your copies of HOME COMPUTER COURSE — Copies are obtainable by placing a regular order at your newsagent.

Back Humbers UK and Eire — Back numbers are obtainable from your newsagent ar from HOME COMPUTER COURSE. Back numbers, Orbis Publishing L mited, 20/22 Bedfordbury, LONDON WCZN 48T at cover price. AUSTRALIA: Back numbers are obtainable from HOME COMPUTER COURSE. Back rumbers in your country given for binders. South African readers should add sales tax.

How to obtain binders for HOME COMPUTER COURSE.—UK and Eire: Pleasesend \$3.95 per binder if you do not wish to take advantage of our special offer detailed in Issues 4, 5 and 6. EUROPE: Write with remittance of \$5.09 per binder if you do not wish to take advantage of our special offer detailed in Issues 4, 5 and 6. EUROPE: Write with remittance of \$5.09 per binder if you do not wish to take advantage of our special offer detailed in Issues 4, 5 and 6. EUROPE: Write with remittance of \$5.09 per binder in the obtain binders for HOME COMPUTER COURSE BINDERS. In case of difficulty write to HOME COMPUTER COURSE BINDERS, Incase of difficulty write to HOME COMPUTER COURSE BINDERS, First Post Pty Ltd, 23 Chandos Street, St. Leonards, NSW 2065. The binders supplied are those illustrated in the magazine. NEW ZEALAND: Binders are available through your local newsagent from HOME COMPUTER COURSE BINDERS, Gordon & Gotch (RZ) Ltd, 20 Box 1595. Wellington. SOUTH AFRICA: Binders are available through any branch of Central Newsagency. In case of difficulty write to HOME COMPUTER COURSE BINDERS. Incremage. PO Box 57394. Springfield 2137.

Note—Binders and back numbers are obtainable subject to availability of stocks. Whilst every attempt is made to keep the pice of the issues and binders constant, the publishers reserve the right to increase the stated prices at any time when circumstances dictate. Binders depicted in the above prices unless stated.