



Common Ground Filmstrips 1970



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Common Ground Filmstrips

are supplied for sale only, in single frame size (18mm. x 24mm.) unless otherwise stated. Strips in colour are marked ★ *Colour*; all others are in black and white. Please quote reference numbers (e.g. CGA:B100).

Note on code letters:

CG	Common Ground filmstrip	A	the strip component
I	Isotype Institute filmstrip	B	the notes component
P	Pilot (short, no notes)	M	notes on microfilm
W	Workshop (distrib. by CG)	T	commentary on tape
O	Overhead transparency	S	slides

Each unit has a different serial number.

Prices in this catalogue are effective from March 1st 1970. Notes are available separately and cost 5s (25p), 7s (35p) or 8s (40p).

How to Order

All titles in this list are distributed by Common Ground (1951) Limited. In the UK they may be ordered direct from Common Ground at 44 Fulham Road, London SW3 or from educational contractors.

In all other countries strips are obtainable through the appointed Common Ground distributor in that country or, where none is appointed, direct from Common Ground (1951) Limited, 44 Fulham Road, London SW3.

Africa: Ghana, Kenya, Malawi, Nigeria, Sierra Leone, Tanzania, Uganda, Zambia
Longman and Longman Group companies.

South Africa

Educational Distributors (Pty) Ltd, P.O. Box 4410, Johannesburg

Australia

L and S School Library Service Pty Ltd, 259 East Boundary Road, East Bentleigh, Melbourne

Canada

Carman Educational Associates Ltd, Pine Grove, Ontario

Eire

F. Barrett & Co. Ltd, Dundrum Castle, Dublin 14

Greece, Turkey, Yugoslavia, Cyprus and the Middle East (except Israel)
Colchester-Hughes Ltd, Gatwick House, Horley, Surrey

Holland, Belgium and Austria

N.V. Filmfabriek Polygoon, 's-Gravelandseweg 78a, Hilversum, Holland

India

National Education & Information Films Ltd,
National House, Apollo Bunder, Bombay

Sweden, Norway, Denmark and Finland

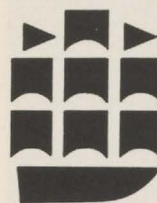
Gumperts Skolmateriel, Postbox 346, Göteborg 1, Sweden

USA

Carman Educational Associates Inc,
Box 205, Youngstown, N.Y.14174

How to Preview Filmstrips

To overcome the difficulty of judging the contents of a strip before purchase, Common Ground (1951) Limited, 44 Fulham Road, London SW3 will be pleased to send up to 12 titles from this catalogue to Educational Authorities, Visual Aid Groups, or schools for viewing on seven days preview. This service applies only to Great Britain. Requests should be marked 'preview'.



Longman and Common Ground

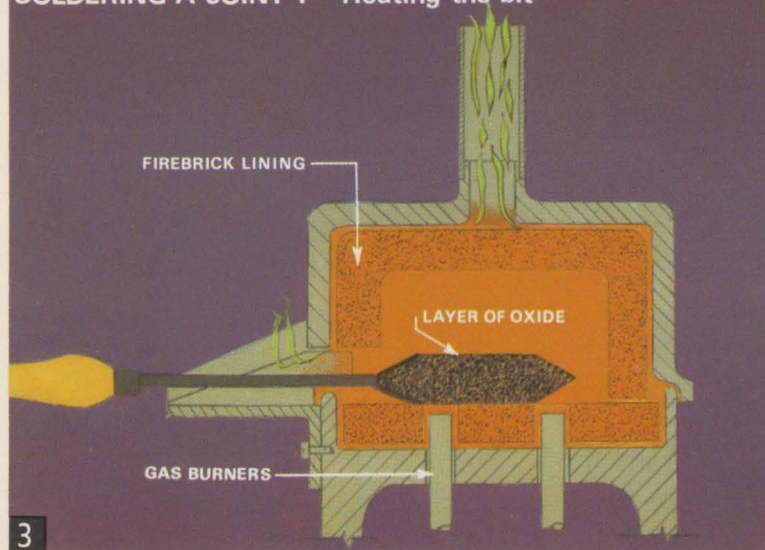
We are pleased to announce that Common Ground has recently become a member of the Longman Group. As well as continuing to publish filmstrips for its own list, Common Ground will make a contribution to the publishing activities of Longman in this sphere, and will in turn gain strength from the facilities of the Longman Group to continue and further improve its services to education.

This catalogue lists all Common Ground publications in print at February 1st, 1970. Some of the new publications are illustrated on the following art pages.

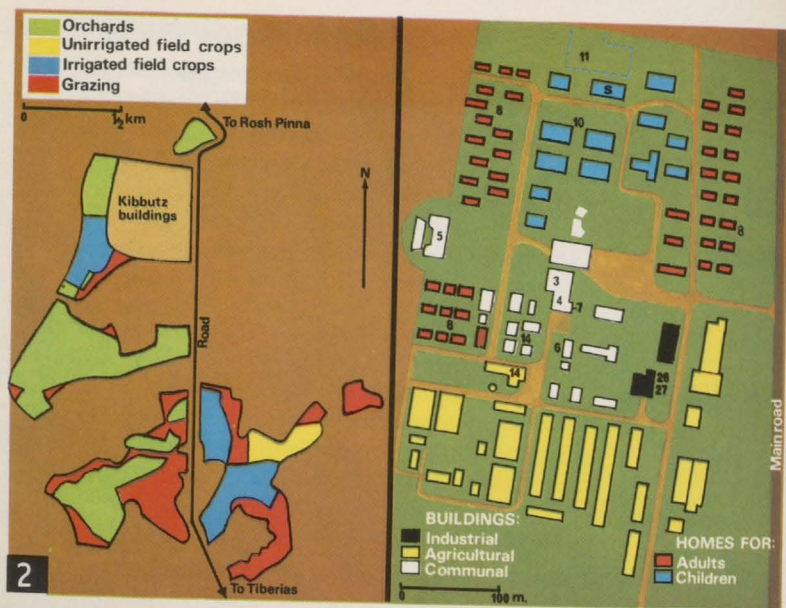
New series introduced since our last complete catalogue are *Metalwork* (in the Vocational Training section), *History in the Making* (in the History section) and *The American Story* (in the Infants section). For notes on these see their listings in the body of the catalogue.

continued on page 11

SOLDERING A JOINT 1 - Heating the bit



Soldering and Brazing (Page 47) ★ *Colour*



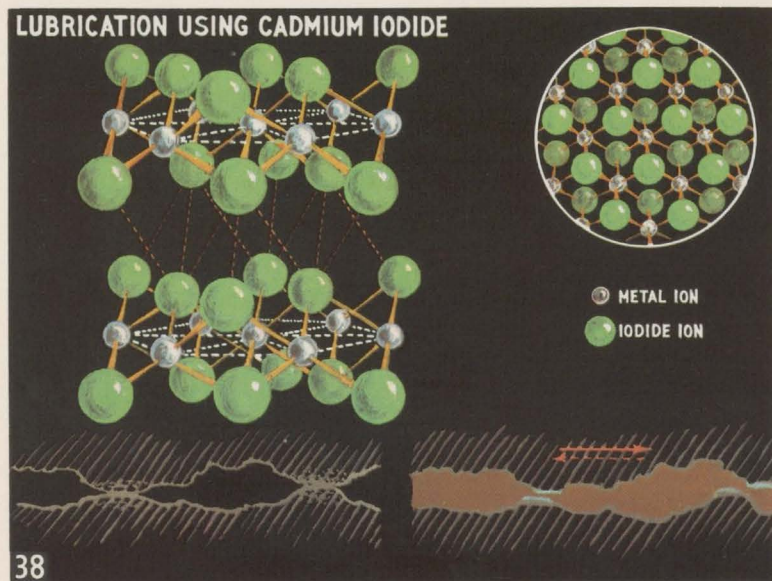
Life on a Kibbutz (Page 24) ★Colour



The Coastline of England (Page 19) ★Colour



Morocco (Page 23) ★Colour

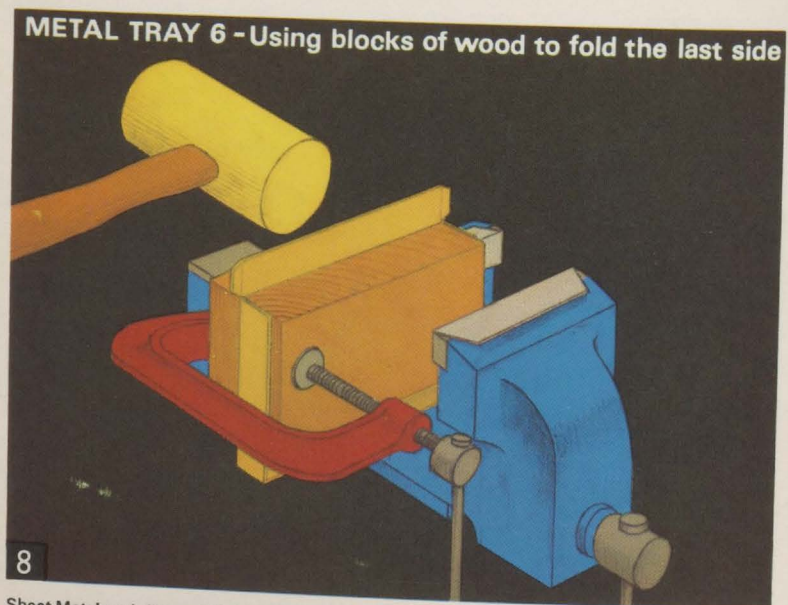


Iodine and its Compounds (Page 41) ★Colour



34

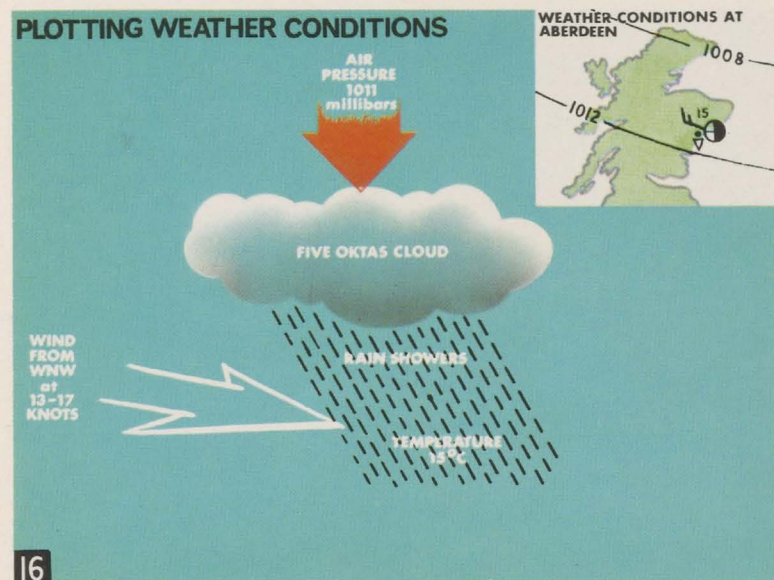
North and Central Wales (Page 20) ★Colour



8

Sheet Metalwork (Page 48) ★Colour

PLOTTING WEATHER CONDITIONS



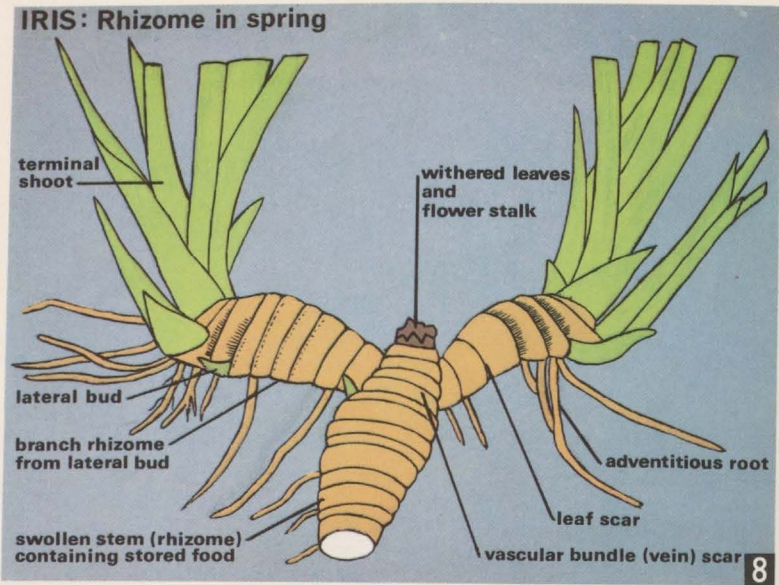
16

The Weather Map (Page 16) ★Colour

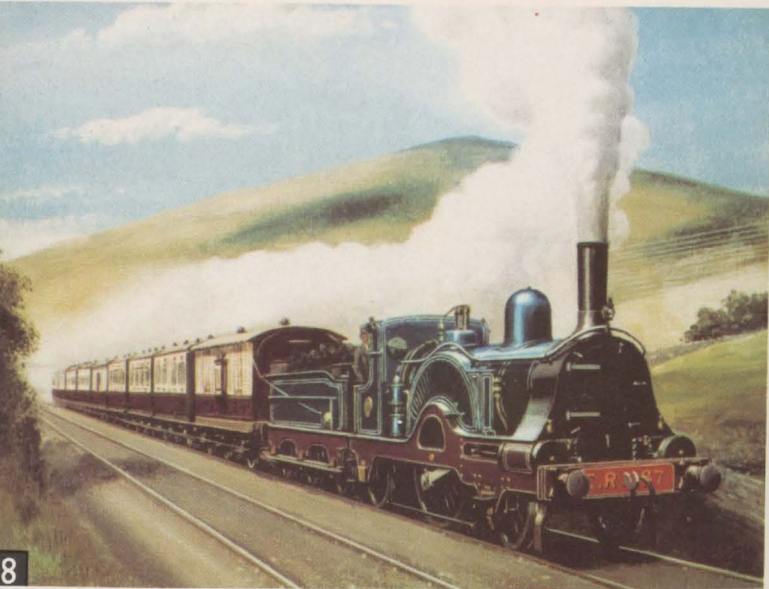


13

Greater London (Page 19) ★Colour



Vegetative Reproduction and Perennation (Page 44) ★Colour



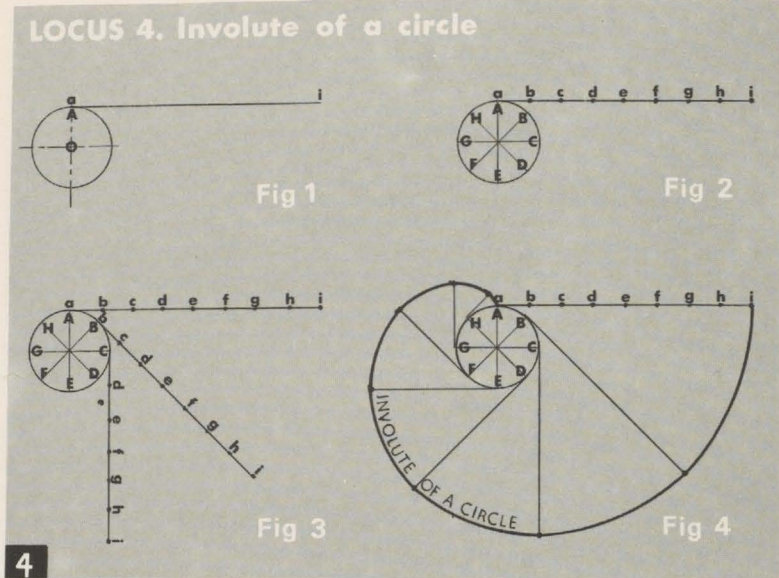
The History of Railways in Britain (Page 47) ★Colour



The Languedoc Development Scheme (Page 25) ★Colour



Cattle Trails (Page 34) ★Colour



Plane Geometry (Page 48)



The Second World War. Part 2 (Page 28)

The new Geography titles

As usual Common Ground's new publishing has included a fair number of titles in the geography field. Six new titles are added to *Geography of Great Britain in Colour*, giving this fine series a total of twenty-seven strips. Five new titles appear in the world series *Geography in Colour*; this series now contains sixty-two filmstrips. Both these series are being actively developed. **California** (in *Regional Geography of the World*) has now been re-made in colour. The *Oxford Projected Atlas* has been completed by the addition of four filmstrips, and now makes available about 100 maps ready for mounting as 2in. x 2in. slides. We have also published a filmstrip entitled **The Weather Map**.

Other subjects

New in this catalogue are filmstrips in the Arts, Education, History, Infants, Chemistry, Biology, Transport, and Vocational Training sections. An interesting innovation is the series of forty slides entitled **Pioneers of Modern Typography**, which is a selection of the 160 illustrations in the book of the same name by Herbert Spencer, published by Lund Humphries.

Revision

We are pursuing an active policy of revision, both so as to bring our material, particularly on geography, up to date, but also to re-make black and white filmstrips in colour. Meanwhile, quite a number of filmstrips are going out of print, notably in the Geography section. The *Primary Geography* series, which had so much success, is being systematically withdrawn, but geography teachers should note that it is our intention to re-issue material in colour, with a new look, for this important area.

Grading

All the strips in this catalogue are given a grade in accordance with the following code, which was worked out with the advice of practising teachers.

I	Infants (Age 5-7)	T	Technical (Age 16+)
P	Primary (Age 7-11)	A	General Interest
M	Modern Secondary (Age 11-15)	ALL	All Groups
G	Grammar (Age 12-18)		

Teachers have also frequently pointed out that gradings should not be taken as a rigid guide. They refer to the aim of the strip as a whole, and in particular to the scope of the notes. The individual pictures can often be used at any level according to the requirements of the teacher. This is especially true of geography material, and probably least true of science material.

Preview

The best way to be sure that a filmstrip will or will not be suitable to your purposes is to use the Common Ground preview service, details of which are given on page 2.

Educational Advisers and Authors

The teaching notes are an integral part of all standard filmstrips. A perusal of the catalogue will indicate the calibre of our authors; we gratefully acknowledge the help of the advisers listed below.

- W.G.V. Balchin, M.A., Ph.D., Professor of Geography, University College of Swansea
 G.P. Bennett, M.A., Headmaster, Glenwood Junior High School, Glenrothes, Fife
 Peter Brooks, M.A., Ph.D., Lecturer in Modern History in the University of Kent at Canterbury
 M. St Clare Byrne, O.B.E., M.A., formerly Lecturer in the History of Theatrical Art at the Royal Academy of Dramatic Art
 T.J. Chandler, M.Sc., Ph.D., A.K.C., Professor of Geography, University College, University of London
 D.G. Chisman, B.Sc., F.R.I.C., Science Education Officer, British Council
 T.A. Bennet-Clark, C.B.E., M.A., Ph.D., F.L.S., F.R.S., Professor of Biological Sciences, University of East Anglia
 M.M. Cole, B.Sc., Ph.D., Professor of Geography, Bedford College, University of London
 A. Coleman, M.A., Reader in Geography, University of London King's College
 Norman J. Graves, B.Sc. (Econ.), M.A., Ph.D., Head of the Department of Geography, University of London Institute of Education
 E.L. Hanson, M.A., A.Inst.P., Lecturer in Science and Mathematics, Borough Road College, Isleworth
 J.A. Hawgood, M.A., D.Lit., Ph.D., Professor of American History, University of Birmingham
 H.R. Hewer, O.B.E., A.R.C.S., D.I.C., M.Sc., Professor of Zoology, Imperial College of Science and Technology, University of London
 J.A. Lauwerys, D.Sc., D.Lit., F.R.I.C., Professor of Comparative Education, University of London Institute of Education
 Ernest Neal, M.Sc., Head of the Science Department, Taunton School
 Marie Neurath, Director, Isotype Institute
 G.W. Newberry, M.A., formerly Senior Geography Master, Christ's Hospital
 Cecil Northcott, M.A., Ph.D., Editorial Secretary, United Society for Christian Literature
 W.F. Norton, M.A., Head of the History Department, Purbrook Park Grammar School, Portsmouth
 F.A. Ring, formerly Chairman, Central Committee, National Committee for Audio-Visual Aids in Education
 M.D. Robinson, Ph.D., A.R.I.C., Education Officer, Royal Institute of Chemistry
 L.J. Simpkin, formerly Headmaster, C.E. Primary School, Gerrards Cross
 Richard Southern, D.Litt., Theatre consultant; Special Lecturer in Theatre Architecture and Stage Technique, University of Bristol Department of Drama
 C. A. Vernon, D.Sc., Professor of Chemistry, University College, University of London
 A. Voysey, B.Sc., formerly Publications Officer, National Federation of Young Farmers' Clubs

Overseas Educational Advisers

- A.W. Bartram, Teaching Media Specialist, UNRWA, Beirut, Lebanon
 Joan Battersby, B.A., Geography Mistress, St Leonard's Presbyterian Girls' College, Melbourne, Victoria, Australia
 G.H. Dury, M.A., Ph.D., Professor of Geography, University of Wisconsin, USA
 D.G. Hillier, B.Sc., Head of Geography and Geology, Belleville Collegiate Institute, Ontario, Canada
 R.C. Honeybone, M.A., Professor of Education, University of the South Pacific
 V.S. Jha, M.A., Ph.D., Member of the Education Commission, Government of India
 N.V. Scarfe, M.A., Dean of Education, University of British Columbia, Canada

Common Ground Filmstrips

The Arts

1. Fine Arts

- | | | |
|---|---|---------------|
| CGA:B258 | Sculpture: Ancient and Modern
by R.P. Bedford | MGA 25s £1.25 |
| From the series Lives of Famous Men and Women (see page 26): | | |
| WA:B660 | Lorenzo de' Medici
by Ivy L. Mumford, M.A., Ph.D., Lecturer in Education, University of Nottingham | MGA 23s £1.15 |
| CGA:B459 | Michelangelo
by M. Alexander | MGA 26s £1.30 |
| CGA:B609 | Leonardo da Vinci
by L. de C. Bucher, A.R.C.A., Senior Lecturer in Art, St Mary's Training College, Strawberry Hill | MGA 25s £1.25 |
| CGA:B699 | Christopher Wren
by Viktor Furst, F.Ph.S., A.R.P.S., Author of <i>The Architecture of Sir Christopher Wren</i> | MGA 26s £1.30 |

2. Music

INTRODUCTION TO MUSIC

A practical approach showing how sounds, both vocal and instrumental, are made and transmitted. Their comparative ranges. Musical notation, etc. Original photographs and drawings.

- | | | |
|----------|--|---------------|
| CGA:B326 | Noise and Musical Notes
by W.G. Williams, B.A., B.Mus., L.R.A.M., A.R.C.M., Music Organiser, County Borough of Huddersfield Education Committee | MGA 25s £1.25 |
| CGA:B599 | Instruments of the Orchestra
by W.G. Williams | MGA 25s £1.25 |
| CGA:B140 | Introduction to Sight Singing
by I. Rees-Davies, L.R.A.M., A.R.C.M., L.T.S.C., Author of <i>Transposition at the Keyboard, Sight-Singing Tests</i> , etc | PMG 25s £1.25 |

3. Design and Craftsmanship

(See also **The Evolution of the English Home, The Evolution of the English Parish Church and English Costume** page 31)

- | | | |
|----------|---|----------------|
| CGS940 | Pioneers of Modern Typography ★ Colour
A set of forty 2in. x 2in. slides presented in two viewpaks with Index, being a selection from the illustrations in the book <i>Pioneers of Modern Typography</i> by Herbert Spencer, R.D.I., published by Lund Humphries.
Prospectus of the slides available from Common Ground. | TA 250s £12.50 |
| CGA:B883 | The Postage Stamp as Art ★ Colour
by Bernard Orna, contributor on art and design to <i>The Times</i> , <i>The Guardian</i> , <i>Studio</i> , <i>Design</i> , <i>Penrose Annual</i> , <i>Stamp Magazine</i> | PMG 39s £1.95 |

THE ART OF COSTUME

by C.W. Cunnington, Author of *Englishwomen's Clothing in the 19th Century*, *The Art of English Costume*, etc

A comparative rather than chronological treatment of the fashion trends which have made the development of male and female dress an art as well as symbolic of social ideals and personal characteristics. Contemporary prints and photographs.

- | | | |
|---------|---------------|---------------|
| CGA:B55 | Part 1 | MGA 25s £1.25 |
| CGA:B56 | Part 2 | MGA 25s £1.25 |

Prices include notes, also sold separately

CRAFTS AND CRAFTSMEN SERIES

Traditional use of materials and methods of manufacture by surviving craftsmen. An attempt to show a way of life different from that of modern industrialism. Original photographs.

CGA:B290	Blacksmith by Edmund Esdaile	PMA	23s	£1.15
CGA:B401	Potter by Raymond Finch	PMA	23s	£1.15
CGA:B245	INDIVIDUAL TOPICS Houses by J.E.Cookson. (Made in collaboration with the North Hertfordshire Teachers' Visual Aids Committee)	PM	23s	£1.15
CGA:B147	Paper Making by Peter Record, M.A., A.L.A., formerly Assistant, Department of Manuscripts, Bodleian Library, Oxford	MGT	23s	£1.15

4. Theatre

CGA:B202	Behind the Scenes at a Theatre by Richard Southern, D.Litt.	MGA	25s	£1.25
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A HISTORY OF THE ENGLISH THEATRE

Edited by Richard Southern, D.Litt., Theatre consultant; Special Lecturer in Theatre Architecture and Stage Technique, University of Bristol Department of Drama: Author of *Stage Setting for Amateurs and Professionals*, *The Georgian Playhouse*, etc. With a Foreword by Ivor Brown. Theatre buildings, their scenery and machinery, and stage costume from the Elizabethan Renaissance to the theatre of today. Contemporary prints and photographs.

CGA:B1	The Playhouse. Part 1 (Second edition) by Richard Southern	MGA	26s	£1.30
CGA:B2	The Playhouse. Part 2 (Second edition) by Richard Southern	MGA	26s	£1.30
CGA:B3	Stage Effects and Machines (Second edition) by Richard Southern	MGA	26s	£1.30
CGA:B4	Scenery by Richard Southern	MGA	26s	£1.30
CGA:B5	Theatrical Costume. Part 1 by Valerie Prentis	MGA	26s	£1.30
CGA:B6	Theatrical Costume. Part 2 (Second edition) by Valerie Prentis	MGA	26s	£1.30

SHAKESPEAREAN PRODUCTION IN ENGLAND

by M.St Clare Byrne, O.B.E., M.A., formerly Lecturer in the History of Theatrical Art at the Royal Academy of Dramatic Art: Author of *Elizabethan Life in Town and Country*, *The Elizabethan Home*, etc. The staging of Shakespeare's plays in England from 1700 to the present day, presented chronologically and showing contemporary prints and photographs. Made in collaboration with the Arts Council of Great Britain.

CGA:B411	General 1700-1800	GA	26s	£1.30
CGA:B418	Hamlet 1709-1948	GA	26s	£1.30

Education

WA:B941	A Teaching Practice Project ★Colour by J.M.Mountford	TA	39s	£1.95
CGA:B884	Educational Administration in England and Wales ★Colour by M.N.Rendel, M.A., Lecturer in Educational Administration, University of London Institute of Education	TA	41s	£2.05
CGA:B833	Visual Language ★Colour by Clifton Ackroyd	GTA	41s	£2.05

Grading I:Infants, P:Primary, M:Modern, G:Grammar, T:Technical, A:General Interest

AIDS TO TEACHING AND LEARNING

by A.W.Bartram, Teaching Media Specialist, UNRWA, Beirut, Lebanon.

Designed primarily for use overseas in preliminary teacher training. The review of resources available in the communication of information and ideas may, it is thought, be of interest to many engaged in training instructors and teachers.

CGA:B911	Part 1. The Steps of Learning. The Blackboard	TA	23s	£1.15
CGA:B912	Part 2. Graphics	TA	23s	£1.15

'HOW TO BEHAVE' SERIES

by J.Macalister Brew, M.A., LL.D., formerly Education Adviser to the National Association of Girls' and Mixed Clubs.

Many young people today are themselves much concerned with the problem of their own 'manners' and make frequent complaints that they have never been 'told how to behave' and as a result find themselves at a disadvantage on many occasions. The notes suggest points for group discussion.

CGA:B249	How to Behave at Home	MG	23s	£1.15
CGA:B250	How to Behave on Holiday	MG	25s	£1.25
CGA:B278	How to Behave at Work	MG	23s	£1.15

English

(See also **Charles Dickens** page 27, and **Pepys' London** page 31)

ENGLISH LITERATURE SERIES

by W.Carpenter-Jacobs, M.A., English Master, Bryanston School. Strips in this series can be used as material to illustrate the background of a writer's period, or in some special cases to define visually unfamiliar terms or phrases in the text which have now passed out of common usage. Contemporary prints including rare manuscript material, original maps and diagrams.

CGA:B420	Chaucer's Prologue. Part 1	MGA	25s	£1.25
CGA:B421	Chaucer's Prologue. Part 2	MGA	25s	£1.25
CGA:B455	Chaucer's Nun's Priest's and Pardoner's Tales	MGA	25s	£1.25

POETS AND THEIR POETRY

Strips planned to introduce, to accompany and to direct teaching about the work of English poets. Biographical data about the poet, material on specific poems and the poet's particular style, intended for use after the reading of recommended poems. Photographs, drawings, diagrams.

CGA:B867	Robert Browning ★Colour by M.C.Meredith, M.A., English Master, Eton College	MGA	41s	£2.05
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GREAT STORIES ILLUSTRATED

The story is summarised in the captions and the purpose is to offer an introduction before, or a recapitulation after, the actual reading of the book.

WA842	Treasure Island	PM	18s	90p
WA843	Kidnapped	PM	18s	90p
WA844	Robinson Crusoe	PM	18s	90p
WA845	Moby Dick (No teaching notes for these strips. Each picture captioned)	PM	18s	90p

BACKWARD CHILDREN READERS

The point of each of three or four short stories depends on reading certain notices correctly. For children 10+.

CGA:B453	The Adventures of Joe and Larry ★Colour by Andrew Scotland, M.A., Ph.D., Director of Education, City of Plymouth	PM	39s	£1.95
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Prices include notes, also sold separately

Geography

1. Maps

- CGA:B835 **The Weather Map ★Colour** MGA 41s £2.05
by D.G.Hillier, B.Sc., Head of Geography and Geology,
Belleville Collegiate Institute, Ontario

THE OXFORD PROJECTED ATLAS

Each filmstrip contains from 13 to 17 maps from OUP Atlases. They are general, regional and special project maps, selected as suitable for teaching in upper Primary and Secondary Schools. They are offered as a convenient and economical form of wall-map. The complete set consists of 107 maps, which together give a very useful world coverage; a separate list of titles of the individual maps is available on request. No notes.

NOTE: These strips are in double frame format. Suitable for mounting as 2in. x 2in. slides.

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|--------|----------------------------------|-----|-------|
| CGA960 | The British Isles ★Colour | 34s | £1.70 |
| CGA961 | Europe ★Colour | 34s | £1.70 |
| CGA962 | Africa ★Colour | 34s | £1.70 |
| CGA963 | Asia ★Colour | 34s | £1.70 |
| CGA964 | The Americas ★Colour | 34s | £1.70 |
| CGA965 | Australasia ★Colour | 34s | £1.70 |
| CGA966 | The World ★Colour | 34s | £1.70 |

SLIDES FROM OUP MAPS

The Oxford University Press Atlases

Common Ground have been appointed by OUP to supply 2in. x 2in. slides of maps in OUP Atlases and would be pleased to give details of the service to those interested.

PILOT GEOGRAPHY

No notes. 12 basic outline maps. White line on black.

- CGP524 **Map Outlines** PMG 15s 75p
by J.W.Watts, Headmaster, Blackfen County Modern Boys' School

2. Physical

EXPLORING THE LANDSCAPE

by W.G.Moore, B.Sc., Author of *A Dictionary of Geography*.

No child can become a student of geography without having learned and understood the meaning of such terms as are in general use throughout the subject. This series is a picture library illustrating the main physical features of the earth. The strips are intended primarily for children aged eight to eleven years, but will also prove invaluable for revision at a later stage.

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|----------|-------------------------------|-----|-----|-------|
| CGA:B545 | Mountains and Hills | PMG | 23s | £1.15 |
| CGA:B547 | Oceans, Seas and Lakes | PMG | 23s | £1.15 |
| CGA:B543 | Rivers | PMG | 23s | £1.15 |
| CGA:B544 | The Seaside | PMG | 23s | £1.15 |
| CGA:B542 | Snow and Ice | PMG | 23s | £1.15 |
| CGA:B546 | Valleys and Plains | PMG | 23s | £1.15 |

SHORT STUDIES IN PHYSICAL GEOGRAPHY

Each filmstrip contains three studies of eight to ten pictures, each dealing with a different physical feature from the same region. Intended to give a brief introduction to such features, or to assist a detailed study of them. Original colour photographs taken by geographers.

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|---|---|-----|-----|-------|
| CGA:B809 | Africa: Rift Valley, Volcano and Gorge ★Colour | PMG | 39s | £1.95 |
| (East African Rift Valley, Kilimanjaro, Blue Nile Gorge) | | | | |
| by R.D.Greenfield, M.A., formerly Head of the Department of Geography, University College, Addis Ababa, Ethiopia | | | | |
| CGA:B802 | North America: Glacier, Waterfall and Canyon ★Colour | PMG | 39s | £1.95 |
| (Athabasca Glacier, Niagara Falls, Grand Canyon) | | | | |
| by R.C.Honeybone, M.A., Professor of Education and Head of the School of Education at the University of the South Pacific | | | | |

PHYSICAL GEOGRAPHY

Edited by S.W.Wooldridge, C.B.E., F.R.S., M.Sc., D.Sc., formerly Professor of Geography, University of London King's College. This series provides the pictures essential to an understanding of the physical landscape. Each strip shows one particular feature. The series can be used as an introduction to landscape or scenery, without undue emphasis on questions of origin or process, but will serve equally for more advanced work at the General Certificate stage. Photographs and simplified diagrams.

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|--|---|-----|-----|-------|
| CGA:B518 | Desert Landforms | MGA | 25s | £1.25 |
| by W.G.V.Balchin, M.A., Ph.D., Professor of Geography, University College of Swansea | | | | |
| CGA:B520 | Glaciers and Ice Sheets | MGA | 25s | £1.25 |
| by A.Coleman, M.A., Reader in Geography, University of London King's College | | | | |
| CGA:B519 | Lakes (Second edition) | MGA | 25s | £1.25 |
| by G.D.B.Gray, M.A., formerly Senior Lecturer in Geography, Leavesden Green Training College | | | | |
| CGA:B597 | The Landscape of Glacial Erosion | MGA | 25s | £1.25 |
| by A.Coleman | | | | |
| CGA:B507 | The Landscape of Normal Erosion | MGA | 25s | £1.25 |
| by M.J.Ellis, B.Sc., Headmistress, The High School, Saltburn-by-the-Sea | | | | |
| CGA:B688 | Limestone Scenery | MGA | 25s | £1.25 |
| by A.Coleman | | | | |
| CGA:B509 | Mountain Building | MGA | 25s | £1.25 |
| by W.G.V.Balchin | | | | |
| CGA:B637 | River Development | MGA | 25s | £1.25 |
| by A.Coleman | | | | |
| CGA:B687 | The Sea Coast | MGA | 25s | £1.25 |
| by W.G.V.Balchin | | | | |
| CGA:B638 | Volcanoes | MGA | 25s | £1.25 |
| by A.Coleman | | | | |
| CGA:B724 | Weathering and Mass Wasting | MGA | 25s | £1.25 |
| by W.G.V.Balchin and A.Coleman | | | | |

CLIMATIC REGIONS OF THE WORLD

Edited by A.Coleman, M.A., Reader in Geography, University of London King's College.

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3. Regional

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4. Economic

(See also **Land Use: Crop Recognition** page 46 and
The Growth of Transport page 47)

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(Isotype strips see page 49)

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(See also *Chaucer's Prologue* page 15, *The American Story* page 34, *The Growth of Transport* page 47 and *The Rise of Man* page 45)

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by H. Hamilton, M.A., D.Litt., formerly Jaffrey Professor of Political Economy in the University of Aberdeen: Author of *History of the Homeland and The Industrial Revolution in Scotland*. This series shows the pattern of social and economic life in a period when the development of commerce was drawing together various parts of the country and forging links with new colonies overseas. It precedes and complements G.D.H.Cole's *Introduction to the Industrial Revolution* (see below) with due regard to developments in Scotland. The two series together form a unique pictorial survey of life in Britain from 1600-1840. Contemporary prints, original sketch maps and diagrams.

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CGA:M14	Paper and Printing

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CGA:M30	Railways. Part 2
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by G.D.H.Cole, formerly Chichele Professor of Social and Political Theory, Oxford: Author of *Organised Labour and British Trade Unionism Today*.

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It is hoped that the factual material contained in these strips will take its natural place in the biology syllabus. The treatment is restrained yet the contents make no concession to muddled thinking. Part 1 is intended for younger seniors, Part 2 for older seniors and above, while Part 3 is for the school leaving year and above. Each strip is self-contained and the teaching notes give full supplementary information. Original drawings and pictographs.

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- WA:B746 **Good Grooming for Girls**
 by Mary Salter, Deputy Head, Hampden County Secondary School,
 South Oxhey, Hertfordshire

Infant Schools

(See also **Nursery Strips in Colour** page 38)

NURSERY RHYMES IN COLOUR

drawn by A.L.Dahl

- CGA:891 **Numbers 1 to 3** ★Colour
 (Mary and her Lamb, The House that Jack Built, Pussy Cat) IP 34s £1.70
 CGA:892 **Numbers 4 to 6** ★Colour
 (Jack and Jill, Sing a Song of Sixpence, Humpty Dumpty) IP 34s £1.70
 CGA:893 **Numbers 7 to 9** ★Colour
 (This Little Pig, Boys and Girls, The Queen of Hearts)
 (No teaching notes for these strips. Each picture captioned) IP 34s £1.70

LOTTE REINIGER STRIPS

Adapted from the famous Lotte Reiniger shadow films.

- CGA:B624 **Cinderella**
 Adapted from the fairy tale by Charles Perrault
 Narrative by Joanna James IP 23s £1.15
 CGA:B980 **Jack and the Beanstalk** ★Colour
 Narrative by Barbara Sullivan IP 39s £1.95
 CGA:B569 **The Magic Horse**
 From the Tales of the Arabian Nights
 Narrative by Martha Souza IP 23s £1.15
 CGA:B622 **Puss in Boots**
 Adapted from the story by Charles Perrault
 Narrative by Martha Souza IP 23s £1.15
 CGA:B623 **The Sleeping Beauty**
 Adapted from the Grimms' fairy tale
 Narrative by Joanna James IP 23s £1.15
 CGA:B275 **Snow White and Rose Red**
 Adapted from the Grimms' fairy tale
 Narrative by Martha Souza IP 23s £1.15
 CGA:B767 **Star of Bethlehem** ★Colour
 The Story of the Nativity
 Narrative by Joanna James IP 39s £1.95
 CGA:B742 **Thumbelina**
 Adapted from the fairy tale by Hans Andersen IP 23s £1.15

THE AMERICAN STORY

by Eileen Beard and Joan M.Chandler, M.A.

These filmstrips consist of table-top photography of models and props carefully prepared to illustrate each theme. The pictures interest young children and prompt comment; they also stimulate imaginative play with sandtray and models. Two scripts are provided in the accompanying notes: a very simple one for use with young children (6+) and a more elaborate one, providing some background material, for older children (9+).

- WA:B942 **The West** ★Colour IP 39s £1.95
 WA:B943 **The Gold Rush** ★Colour IP 39s £1.95
 WA:B944 **Cattle Trails** ★Colour IP 39s £1.95

FAIRY TALES OF OTHER LANDS

Adapted by Mary Crittall.

This series has been planned for children up to seven years old, but it is hoped that all children and most adults will enjoy the stories. They have been chosen because they are true to the spirit of a particular region and because they show something of the people and the landscape. The drawings in colour have been prepared with great care to detail.

- CGA:B554 **The Ugly Duckling** (Denmark) ★Colour IP 39s £1.95
 Adapted from Hans Andersen
 CGA:B555 **A Kentucky Story** (North America) ★Colour IP 39s £1.95
 CGA:B556 **Masha and the Bear** (Russia) ★Colour IP 39s £1.95

NATURE STORIES

Strips to satisfy the interest of young children in animals and their habits; specially commissioned drawings are used throughout.

- CGA:B489 **Dormouse**
 by A. E. Occomore, Headmaster, Suttons Lane Primary School,
 Hornchurch IP 23s £1.15
 CGA:B565 **Fox**
 by A.E.Occomore IP 23s £1.15
 CGA:B488 **Hedgehog**
 by A.E.Occomore IP 23s £1.15
 CGA:B108 **Hibernation**
 by F.S.Lawrence. (Made in collaboration with the North
 Hertfordshire Teachers' Visual Aids Committee) IP 23s £1.15
 CGA:B337 **Pets and their Care** ★Colour (Second edition)
 by M.Burrell IP 39s £1.95
 CGA:B450 **Red Squirrel**
 by A.E.Occomore IP 23s £1.15
 CGA:B201 **Wild Rabbits**
 by M.M.Oliver. (Made in collaboration with the North Hertfordshire
 Teachers' Visual Aids Committee) IP 23s £1.15

DAVID AND JANE, AND JEREMY

Made in collaboration with the West Ham Schools Film Society. A series following the adventures of David and Jane away from home and of Jeremy nearer home. Intended for pleasure and stimulus rather than rigorous instruction, these strips are captioned to encourage reading practice. Original photographs.

- CGA:B513 **David and Jane at the Circus**
 by M.H.Webb IP 23s £1.15
 CGA:B443 **David and Jane Act a Story**
 by E.R.Lewis IP 23s £1.15
 CGA:B294 **David and Jane on the Farm**
 by G.Witham IP 23s £1.15
 CGA:B566 **David and Jane at the Zoo** (Second edition)
 by E.Skinner IP 23s £1.15
 CGA:B121 **Jeremy's Day**
 by G.E.Sargent IP 23s £1.15
 CGA:B490 **Jeremy's Saturday**
 by M.E.Branney IP 23s £1.15

ENTERTAIN AND TEACH

Pictures in colour for the infants. No captions and no notes: the teacher can weave a story round the pictures, let the children talk about them, or base project activities on them. Subject matter is either within the child's experience or interest; a starting point for a widening of both. 12 pictures in each strip.

- CGA:901 **Shopping Street** ★Colour IP 18s 90p
 CGA:902 **Other People's Homes** ★Colour IP 18s 90p
 CGA:903 **The Circus** ★Colour IP 18s 90p

INFANT READING SERIES

No teaching notes for these fourteen strips. Each picture captioned. Simple direct stories are shown in the language and style understood and used by the child himself, while the pictures give the clue to the reading captions. The strips are designed to be used for the story lesson and as a preparation for reading. They also serve as a means of enlarging the vocabulary in the early stages of reading. They can be used in conjunction with any method of teaching reading.

By M.B. Simpson, Headmistress, Ellington County Primary Infants' School, Ramsgate:

WA654	Bob Snail	IP	18s	90p
WA655	Fat Pig	IP	18s	90p
WA650	Green Engine	IP	18s	90p
WA658	Seaside Holiday	IP	18s	90p
WA651	Snowman	IP	18s	90p
WA652	Tom and his Kite	IP	18s	90p
WA653	Toys	IP	18s	90p

WA748	By Lorna Petley: Augustus Bear	IP	18s	90p
WA745	Made in collaboration with the Edinburgh House Press: Peter, an Eskimo Boy	IP	18s	90p
WA848	By Margaret and George Pallant Sidaway: Tommy's Baby Sister	IP	18s	90p
WA849	Tommy's Big New Ball	IP	18s	90p

By Betty Root, Dip.Psy.(Birm.), Lecturer, Institute of Education, University of Reading. Drawn by Michael Root. Because of the vocabulary repetition, these filmstrips should be shown in sequence. They are suitable for small children learning to read and older children who find reading difficult:

WA896	Filmstrip Reader 1. Simon ★Colour	IP	34s	£1.70
WA897	Filmstrip Reader 2. Simon and Sally ★Colour	IP	34s	£1.70
WA898	Filmstrip Reader 3. Simon's Bonfire ★Colour	IP	34s	£1.70

ISOTYPE STRIPS

(See page 49)

IA781	A Birthday Picnic ★Colour by Barbara Young	IP	34s	£1.70
IA675	Peter and Jean in the Country ★Colour by Barbara Young (No teaching notes for these strips. Each picture captioned)	IP	34s	£1.70

INDIVIDUAL TOPICS

CGA107	Alphabet ★Colour (Second edition) by Michael Goaman (No teaching notes)	IP	34s	£1.70
CGA:B579	Jack and Jill Learn Road Safety ★Colour (Second edition) by M.Ashcroft and E.Leatherbarrow (Made in collaboration with the St Helens Teachers' Visual Aids Society)	IP	39s	£1.95
CGA:B79	Kerb Drill (Third edition) by Common Ground Photographic Unit	IP	23s	£1.15
CGA:B454	Paper Tearing ★Colour by P.M.Pickard, M.A., N.F.U.Dip. (Made with the kind assistance of the children of the Demonstration School of the Froebel Educational Institution)	IP	39s	£1.95
CGA:B549	Using a Ruler by E.Butterworth, Northbury Primary School, Essex	IP	23s	£1.15

Grading I:Infants, P:Primary, M:Modern, G:Grammar, T:Technical, A:General Interest

Languages

FABLES IN FRENCH

Designed by Barbara Young and the Isotype Institute. No teaching notes are supplied, as each picture is captioned in French prepared by Madeleine Aspa.

WA747	Le Lièvre et la Tortue	MGA	18s	90p
WA749	Le Lion et le Rat	MGA	18s	90p
WA840	Les Anes, les Eponges et le Sel	MGA	18s	90p
WA841	Le Rat de Ville et le Rat des Champs	MGA	18s	90p

FRENCH LANGUAGE SERIES

by A.E.Foster, M.A., Head of Modern Languages Department, Tonbridge School.

An attempt to answer the question 'What are France and the French really like?' by original photographs showing different aspects of their land and of their way of life. Vocabularies and questions based on the pictures are provided in the teaching notes as material for conversation and free composition. Original photographs and sketch maps.

CGA:B567	La Famille Dubois	MGA	25s	£1.25
CGA:B718	A Normandy Farm	MGA	25s	£1.25

LE FRANÇAIS PAR L'IMAGE

by F.Corless, M.A., Principal Lecturer in Language, Furzedown College of Education, and R.Corless, B.A.
Drawn by Anne MunGavin.

Simple situations in straightforward drawings as a background to the teaching of French to the young. The notes are specially useful, and offer not merely vocabulary but a systematic approach to the teaching of the basic structure of the language.

CGA:B738	Numbers 1 to 3	PMG	25s	£1.25
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Physical Education

PHYSICAL EDUCATION SERIES

Each strip suggests the fundamental skill of the sport and encourages a correct attitude for beginners. Demonstrated mainly by school children.

Original photographs and diagrams.

CGA:B666	Association Football: Basic Skills by S.W.F.Burden, Headmaster, Leavesden Green County Primary Junior School, and W.F.Roberts, Headmaster, Sutton County Secondary School, Cheshire. (Made in collaboration with the English Schools' Football Association)	ALL	25s	£1.25
CGA:B928	Cricket: Batting by A.S.Fox, formerly Cricket Master, Bedford Lower School, and Eddie Cooper, formerly Cricket Coach, Bedford School and Worcestershire opening batsman	ALL	25s	£1.25
CGA:B929	Cricket: Bowling by A.S.Fox and Eddie Cooper	ALL	25s	£1.25
CGA:B930	Cricket: Fielding and Wicket-Keeping by A.S.Fox and Eddie Cooper	ALL	25s	£1.25
CGA:B710	Introduction to Diving by Rory Robinson. (Made in collaboration with the Diving Committee of the Amateur Swimming Association)	ALL	23s	£1.15
CGA:B733	Lawn Tennis by David L.K.Faraker, Registered LTA Coach	ALL	23s	£1.15
CGA:B735	Rounders: Skills and Tactics by R.J.Hails. (Made in collaboration with the National Rounders Association)	ALL	23s	£1.15

Prices include notes, also sold separately

- CGA:B734 **Women's Hockey** ALL 23s £1.15
by B. Rylands. (Made in collaboration with the All England Women's Hockey Association)
- Made in collaboration with the Physical Education Association of Great Britain and Northern Ireland and the British Association of Organisers and Lecturers in Physical Education:
- CGA:B503 **Athletics: High Jump** ALL 23s £1.15
by J.H. Dodd
- CGA:B511 **Athletics: Relay Racing** ALL 23s £1.15
by J.H. Dodd
- CGA:B176 **Posture** (Second edition) ALL 23s £1.15
- CGA:B510 **Rugby Football** ALL 25s £1.25
by J.P. Walker, County Organiser of Physical Education for Middlesex
- CGA:B178 **Introduction to Swimming** ALL 23s £1.15
by W.H. Downing

Religion

(See also **Life in Ancient Palestine** and **The World of the New Testament** page 49, **The Evolution of the English Parish Church** page 31 and **The Reformation** page 29)

NURSERY STRIPS IN COLOUR

Based on the Nursery Books published by the Edinburgh House Press:

- CGA:B514 **Abwa and her Picture** ★Colour IP 39s £1.95
- CGA:B515 **Chinna, an Indian Boy** ★Colour IP 39s £1.95

Adapted from the Lotte Reiniger film:

- CGA:B767 **Star of Bethlehem** ★Colour IP 39s £1.95
The Story of the Nativity
Narrative by Joanna James

LIVES OF GREAT CHRISTIANS SERIES

(See also **Elizabeth Fry**, **Shaftesbury**, **John Wesley** and **Wilberforce** page 27)

A series on men and women throughout the ages who by the outstanding example of their lives have done much to spread the Christian Faith.

The strips will be of interest to all denominations. Contemporary prints, photographs and sketch maps.

- CGA:B315 **Dr Barnardo** PMA 23s £1.15
by A.E. Williams, formerly Private Secretary to Dr Barnardo.
Author of *Barnardo of Stepney and Adventures of Dr Barnardo*
- CGA:B412 **David Livingstone** PMA 23s £1.15
by Cecil Northcott, M.A., Ph.D. (Made in collaboration with the Edinburgh House Press)
- CGA:B295 **Albert Schweitzer** (Second edition) PMA 25s £1.25
by the Rev. George Seaver, Litt.D., Author of *Albert Schweitzer*
- CGA:B580 **Wilfred Grenfell** PMA 25s £1.25
by Betty Seabrook, Secretary, the Grenfell Association of Great Britain and Ireland

LIVES OF THE SAINTS

Colour drawings specially prepared for the use of teachers responsible for religious instruction, and based on the Agreed Syllabuses. Authentic background and detail. Actual and mythical occurrences clearly differentiated. Each strip consists of two separate subjects. Made in collaboration with the National Committee for Audio-Visual Aids in Education.

- CGA:B671 **Saint George and Saint David** ★Colour PM 39s £1.95
by F.A. Ring

Grading I: Infants, P: Primary, M: Modern, G: Grammar, T: Technical, A: General Interest

- CGA:B672 **Saint Andrew and Saint Patrick** ★Colour PM 39s £1.95
by F.A. Ring and Louise G. Annand
- CGA:B865 **Saint Alban and Saint Columba** ★Colour PM 39s £1.95
by F.A. Ring

THE SPREAD OF CHRISTIANITY

by John Foster, M.A., D.D., Professor of Ecclesiastical History, University of Glasgow.

Six strips covering the whole course of Christian history. Much rare material is included and a special feature is the liberal use of sketch maps.

Valuable to schools and adults of all denominations.

- CGA:B497 **Part 1. The Winning of the Roman Empire (A.D.29-500)** MGA 26s £1.30
- CGA:B498 **Part 2. The Upbuilding of Christendom (500-1500)** MGA 26s £1.30
- CGA:B499 **Part 3. Along New Routes (1500-1800)** MGA 26s £1.30
- CGA:B500 **Part 4. World Wide (1800-1860)** MGA 26s £1.30
- CGA:B501 **Part 5. The Great Advance (1860-1914)** MGA 26s £1.30
- CGA:B502 **Part 6. The Universal Church (1914-1954)** MGA 26s £1.30

THE HAROLD COPPING AND HENRY COLLIER BIBLE PICTURES

by Cecil Northcott, M.A., Ph.D., Editorial Secretary, United Society for Christian Literature.

The well-known pictures commissioned by the United Society for Christian Literature presented in full colour. They are collated into sets of 25 by themes, and offer a wide selection of illustrations to the Bible.

NOTE: these filmstrips are in double frame upright format.

- CGA:B821 **Early History of the Hebrew People (SPECIAL)** ★Colour PMA 47s £2.35
- CGA:B822 **Judges, Kings and Prophets (SPECIAL)** ★Colour PMA 47s £2.35
- CGA:B820 **The Life of Christ (SPECIAL)** ★Colour PMA 47s £2.35
- CGA:B823 **The Life of Saint Paul (SPECIAL)** ★Colour PMA 47s £2.35

INDIVIDUAL TOPICS

- IA:B797 **Introduction to World Religions** ★Colour MGA 42s £2.10
(Isotype strip see page 49)
by Marie Neurath and the Isotype Institute
- CGA:B279 **Islam** MGA 26s £1.30
by J.W. Sweetman, D.D., formerly Professor of Islamic Studies, Selly Oak Colleges, Birmingham
- CGA:B866 **The Land of the Gospels** ★Colour PMG 39s £1.95
by F.A. Ring
- CGA:B539 **The Story of Our Bible** MGA 26s £1.30
by the Rev. Dr William J. Platt, formerly General Secretary of the British and Foreign Bible Society

Science

1. Mathematics

(See also **Using a Ruler** page 36 and **Plane and Solid Geometry Series** page 48)

VISUAL MATHEMATICS SERIES

Designed to cover subjects in the syllabus which lend themselves especially to visual treatment. Each strip follows a detailed logical sequence and contains problem material for the class. Practical applications are shown wherever possible. Original drawings.

- CGA:B146 **Introduction to Area** PM 23s £1.15
by D.M. Barrett
- CGA:B645 **Introduction to Volume** PM 23s £1.15
by D.M. Barrett

Prices include notes, also sold separately

CGA:B263	Introduction to Graphs (Second edition) by A.C.Barrett, Headmaster, Maylands Junior School, Adeyfield, Hemel Hempstead (Made in collaboration with the North Hertfordshire Teachers' Visual Aids Committee)	PM	23s	£1.15
CGA:B382	Area of a Circle by A.M.Khan	MG	23s	£1.15
CGA:B141	Theorem of Pythagoras by A.M.Khan	MG	25s	£1.25

2. Physics

CGA:B111	Clocks by R.W.Innocent and R.G.D.Perry. (Made in collaboration with the South Hertfordshire Teachers' Visual Aids Committee)	PMA	23s	£1.15
CGA:B62	Thermometers by D.G.Bennell, M.A., B.Sc., Assistant Mathematics Master, Dorking Grammar School	MG	23s	£1.15
CGP521	PILOT SCIENCE No notes. 12 titled key pictures. The Steam Engine by A.W.Bartram, Teaching Media Specialist, UNRWA, Beirut, Lebanon	MG	15s	75p
CGP522	Petroleum and the Internal Combustion Engine by A.W.Bartram	MG	15s	75p

PHYSICS SERIES

The series is intended mainly for Secondary Modern and Grammar Schools. Care has been taken to avoid subjects which can only be demonstrated by experiment. Photographs, drawings and diagrams.

CGA:B633	Heat: Conduction, Convection and Radiation by E.L.Hanson, M.A., A.Inst.P., Lecturer in Science and Mathematics, Borough Road College, Isleworth	MTA	23s	£1.15
CGA:B491	Levers by E.Stafford, B.Sc., Chairman of Manchester Scientific Film Society, Lecturer in charge of Visual Aids, Manchester University, and W.Huntingdon, B.Sc., Senior Science Master, Castle Rushen Secondary School	MG	23s	£1.15
CGA:B693	Nuclear Energy ★Colour by E.L.Hanson, and J.S.Stretton, M.A., M.Sc., Senior Science Master, Raynes Park County Grammar School	MGT	41s	£2.05
CGA:B492	Sources of Energy. Part 1 by E.L.Hanson	MGA	23s	£1.15
CGA:B493	Sources of Energy. Part 2 by E.L.Hanson	MGA	25s	£1.25

PHYSICAL SCIENCE SERIES

Filmstrips based on the latest scientific findings, offered as a contribution to scientific and technological training. The complexity of modern theory is not avoided, but great care in presentation ensures lucidity. For general use in Secondary Schools and industrial training, and for detailed study by science students. Specially drawn diagrams in colour.

CGA:B832	Atoms and Isotopes (SPECIAL) ★Colour by Shawn Doonan, B.Sc., Ph.D., Assistant Lecturer in Chemistry, University College, University of London, and A.L.Dahl	MGT	50s	£2.50
CGA:B773	The Structure of Matter (SPECIAL) ★Colour by C.A.Vernon, D.Sc., Professor of Chemistry, University College, University of London, and A.L.Dahl	MGT	50s	£2.50
CGA:B810	The Nature of Light (SPECIAL) ★Colour by C.A.Vernon and A.L.Dahl	MGT	50s	£2.50
CGA:B830	The Shape of Molecules (SPECIAL) ★Colour by Shawn Doonan and A.L.Dahl	MGT	50s	£2.50

Grading I:Infants, P:Primary, M:Modern, G:Grammar, T:Technical, A:General Interest

3. Chemistry

ROYAL INSTITUTE OF CHEMISTRY SERIES

Filmstrips produced in collaboration with the Royal Institute and intended to fill the gaps in available material for chemistry teaching. The material will range from topics suitable for beginners to filmstrips for higher specialist studies; it is important to note the grading given. Colour is used when it will assist comprehension. Diagrams, drawings and photographs, mostly original.

CGA:B868	Aliphatic Alcohols ★Colour by J.Southwood, A.R.I.C., Senior Research Chemist, Industrial Solvents Division, The Distillers Company Limited	GT	44s	£2.20
CGA:B974	Iodine and its Compounds ★Colour by D.R.Robbins, B.Sc., A.R.I.C., Chemistry Master, Trinity School, Croydon	GT	44s	£2.20
CGA:B796	Ion Exchange Resins (SPECIAL) ★Colour by T.V.Arden, D.Sc., Ph.D., F.R.I.C., C.Eng., M.I.M.M., P.A.I.W.E., Technical Director for The Permutit Company Limited, London, and J.E.Salmon, Ph.D., F.R.I.C., Professor of Chemistry, University of Surrey	GT	50s	£2.50
CGA:B854	Lead: Its Extraction and Uses ★Colour by J.H.White, Ph.D., F.R.I.C., formerly Head of the Chemistry Department, Latymer Upper School	GT	42s	£2.10
CGA:B880	The Noble Gases ★Colour by J.H.White	GT	44s	£2.20
CGA:B800	Optical Isomerism (SPECIAL) by E.H.Coulson, M.Sc., A.R.C.S., D.I.C., F.R.I.C., Senior Science Master, Baintree County High School	GT	28s	£1.40
CGA:B730	Osmosis (SPECIAL) by G.Van Praagh, B.Sc., Ph.D., Head of the Science Department, Christ's Hospital	GT	28s	£1.40
CGA:B876	An Introduction to Polymers ★Colour by R.L.Elliott, B.Sc., Ph.D., F.R.I.C., F.T.I., F.S.D.C., Professor of Chemical Technology, University of Bradford, and B.M.Tidswell, B.Sc., Ph.D., A.R.I.C., Lecturer in Instrumentation and Polymer Chemistry, University of Bradford	GT	45s	£2.25
CGA:B882	An Introduction to Radiochemistry ★Colour by T.A.H.Peacocke, M.A., B.Sc., F.R.I.C., Head of the Science Department, St John's School, Leatherhead	GT	44s	£2.20
CGA:B731	Water by George Fowles, M.Sc., F.R.I.C., formerly Chemistry Master, Roedean School	MGT	23s	£1.15

APPLIED CHEMISTRY SERIES

by A.Towers, M.Sc., Senior Science Master, Boys' Grammar School, Stretford.

Each strip shows the common usages of one or more elements and their compounds. Industrial processes are shown in some detail by comparative photographs and diagrams. The series is intended to supplement practical work and no attempt is made to illustrate laboratory experiments, though suggestions for such work are included in the full teaching notes. Suitable for Secondary Modern and Grammar Schools and Technical Colleges.

CGA:B437	Calcium and its Compounds	MGT	25s	£1.25
CGA:B668	Nitrogen and its Compounds	MGT	25s	£1.25

4. Biology and Rural Science

CGA:B181	The Human Body by George Baxter, M.A., Headmaster, The Grammar School, Farnham	PM	23s	£1.15
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Prices include notes, also sold separately

BIOLOGICAL SCIENCE SERIES

Edited by C.A.Vernon, D.Sc., Professor of Chemistry, University College, University of London.

A series of filmstrips intended to provide basic information on that area of knowledge in which biology and chemistry meet. Research sheds new light on how living organisms work. Mostly diagrams; occasional photo- or electron-micrographs.

- CGA:B831 **Cells: Structure and Behaviour (SPECIAL) ★Colour** MGT 49s £2.45
by Margaret Lamont, M.A., Hon. Research Associate, University College, University of London, and A.L.Dahl

BIOLOGY SERIES

(See also **Inside the Living Cell** page 50)

Edited by T.A.Bennet-Clark, C.B.E., M.A., Ph.D., F.L.S., F.R.S., Professor of Biological Sciences, University of East Anglia, and H.R.Hewer, O.B.E., A.R.C.S., D.I.C., M.Sc., Professor of Zoology, Imperial College of Science and Technology.

Designed for Grammar and Secondary Modern Schools, many of these strips will also prove useful to advanced students in providing a library of photographs and drawings which are often difficult to obtain.

- CGA:B293 **The Food Cycle. Part 1. Carbon** MG 25s £1.25
by Alan Dale, B.Sc., formerly Headmaster, Lady Manners School, Bakewell

- CGA:B664 **The Food Cycle. Part 2. Nitrogen** MG 25s £1.25
by Alan Dale

ANIMALS

- CGA:B100 **Animal Architecture** GT 23s £1.15
by H.R.Hewer

- CGA:B220 **Animal Metamorphosis** GT 23s £1.15
by H.R.Hewer

- CGA:B504 **Badger** MGA 25s £1.25
by Ernest Neal, M.Sc., Head of the Science Department, Taunton School, Author of *The Badger*

- CGA:B291 **Early Development of Amphioxus** GT 23s £1.15
by H.R.Hewer

- CGA:B65 **Earthworms (Second edition)** MGA 23s £1.15
by D.G.Bennell, M.A., B.Sc., Dorking Grammar School

- CGA:B221 **Feeding and Digestion in Mammals** GT 23s £1.15
by H.R.Hewer

- CGA:B218 **Hydra and Obelia** GT 23s £1.15
by H.R.Hewer

- CGA:B219 **Liver Fluke and Tape Worm** GT 23s £1.15
by H.R.Hewer

- CGA:B292 **Protozoa** GT 23s £1.15
by H.R.Hewer

PLANTS

- CGA:B285 **Water Plants** MGA 23s £1.15
by R.H.Hall, F.L.S., Biology Master, Ellis Secondary School, Nottingham

- CGA:B378 **Woodland Plants** MGA 23s £1.15
by R.H.Hall

BIOLOGICAL PHOTOMICROGRAPHS

Each filmstrip contains about 25 photographs of carefully chosen slides under the microscope, all of subjects from the GCE syllabuses in the appropriate subjects. Not intended to replace use of the microscope, but to enable the teacher to expound the subjects to the whole class simultaneously, and to ensure that students know what they are looking for, and at, through the microscope.

NOTE: these filmstrips are in double frame format.

- CGA:B826 **Plant Anatomy (SPECIAL) ★Colour** MGT 47s £2.35
by G.I.Cox, F.R.M.S., formerly Biology Mistress, The Dick Shepherd School for Girls, Tulse Hill

- CGA:B827 **House Pests and Parasites (SPECIAL) ★Colour** MGT 47s £2.35
by G.I.Cox

- CGA:B828 **Animal Histology (SPECIAL) ★Colour** MGT 47s £2.35
by S.D.Carllill, B.Sc., Member of the teaching staff of the Royal Free Hospital School of Medicine

THE WORLD OF LIVING THINGS

Edited by H.R.Hewer, O.B.E., A.R.C.S., D.I.C., M.Sc., Professor of Zoology, Imperial College of Science and Technology.

These filmstrips are intended to provide a study of the basic principles common to the various forms of life on this planet, and complement the series **Life Histories in Nature** (see page 45) which deals in detail with specific examples.

Photographs, original diagrams and drawings.

- CGA:B728 **The Living Animal** MGA 25s £1.25
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