Commercial Geography

The British Empire

LIONEL W. LYDE

METHUEN'S COMMERCIAL SERIES EDITED BY H. DE B. GIBBINS, LITT.D., M.A.

COMMERCIAL GEOGRAPHY

OF THE

BRITISH EMPIRE

METHUEN'S COMMERCIAL SERIES

Edited by H. de B. Gibbins, Litt.D., M.A.

Crown 8vo.

This Series is intended to assist students and young men preparing for a commercial career, by supplying useful handbooks of a clear and practical character, dealing with those subjects which are absolutely essential in a business life. At the same time, the requirements of a broad education, as opposed to mere cram, are kept in view; while each volume is the work of a practical teacher of his subject.

COMMERCIAL EDUCATION IN THEORY AND PRACTICE. By E. E. WHITFIELD, M.A. 58.

An introduction to Methuen's Commercial Series treating the

question of Commercial Education fully from both the point of view of the teacher and of the parent.

BRITISH COMMERCE AND COLONIES FROM ELIZABETH TO VICTORIA. By H. DE B. GIBBINS, Litt. D., M.A., Author of "The Industrial History of England," etc., etc. 28. [Third Edition. COMMERCIAL EXAMINATION PAPERS. By H. DE B. GIBBINS,

Litt.D., M.A. 18. 6d.
THE ECONOMICS OF COMMERCE. By H. DE B. GIBBINS, Litt.D.,
[Second Edition.]

A MANUAL OF FRENCH COMMERCIAL CORRESPONDENCE. By S. E. BALLY. With Vocabulary. 28, [Third Edition, A MANUAL OF GERMAN COMMERCIAL CORRESPONDENCE.

By S. E. BALLY. With Vocabulary. 28. 6d. [Second Edition. A FRENCH COMMERCIAL READER. By S. E. BALLY. With

Vocabulary. [Second Edition. 28, A GERMAN COMMERCIAL READER. By S. E. BALLY. Vocabulary. 28.

A COMMERCIAL GEOGRAPHY OF THE BRITISH EMPIRE. By
L. W. Lyde, M.A., F.R.G.S., Professor of Economic Geography in
University College. London. 28. [Fifth Edition.
A COMMERCIAL GEOGRAPHY OF FOREIGN NATIONS, By F.
C. Boon, B.A. Assistant Master at Dulwich College. 28.

A PRIMER OF BUSINESS. By S. Jackson, M.A. 18. 6d.

[Third Edition.

COMMERCIAL ARITHMETIC. By F. G. TAYLOR, M.A. 18.6d. Fourth Edition.

PRÉCIS WRITING AND OFFICE CORRESPONDENCE. By E. E. 28. WHITFIELD, MA. (Second Edition. AN ENTRANCE GUIDE TO PROFESSIONS AND BUSINESS.

HENRY JONES. 18.6d.
THE PRINCIPLES OF BOOKKEEPING BY DOUBLE ENTRY.

J. B. M'ALLEN, M.A., Principal of Lowestoft Municipal Secondary School. 28.

COMMERCIAL LAW. By W. Douglas Edwards, LL.B. 28. [Second Edition.

A

COMMERCIAL GEOGRAPHY

OF THE

BRITISH EMPIRE

BY

LIONEL W. LYDE

M.A., F.R.S.G.S.

PROFESSOR OF ECONOMIC GEOGRAPHY IN UNIVERSITY COLLEGE, LONDON

FIFTH EDITION

METHUEN & CO. 36 ESSEX STREET W.C. LONDON First Published . . December 1893

Second Edition . . . December 1897

Third Edition . . . February 1901

Fourth Edition, Revised . January 1905

Fifth Edition . . October 1906

PREFACE

This volume will be found to consist of two parts—an Introduction, which treats of general principles, and the Application of such principles to the larger areas of the British Empire. Apart from the personal interest of the Empire to ourselves, it may also be looked upon as an epitome of the world.

With this in view, special prominence has been given to special products from different parts of the Globe, e.g. Canadian wheat; and, in the case of that particular product, I have added a detailed account of the conditions under which it is produced—partly because of the intrinsic importance of the subject in a country which cannot provide its inhabitants with home-grown bread, and partly to illustrate a method of treatment which may be applicable elsewhere.

The study of Geography from the economic point of view is of great moral and social importance, for it is essentially concerned with the production of necessaries. The Multitude have no leisure; their Standard of Comfort is bare necessity; and their lives are made utterly sordid and sad by the constant struggle with grinding poverty. Consequently, the physical conditions of their lives make moral and mental growth practically impossible. Of course, wheat could be grown on Ben Nevis, but only at an enormous expense; and souls are saved amid scenes of the deepest want and suffering, but it is—as it were—reaping upon Ben Nevis.

Thus, the production of cheap, good food in abundance has a direct and vital bearing on the leisure and, therefore, on the possible higher development of the Many; and one great obstacle to it at present is ignorance of the Geographical conditions under which necessaries of life are produced.

I gladly take this opportunity of acknowledging my long and increasing indebtedness to my former Chief, J. J. Rogerson, Esq., LL.D., of Merchiston Castle, Edinburgh, for his very kind encouragement and valuable advice. Through him I am also indebted to Merchistonians all over the world, from whose conversation or letters to him I have obtained most useful information on Geographical and kindred subjects. I am similarly indebted to my friend, Cyril Harrison, Esq., formerly of Qu'Appelle College, Assiniboia.

PREFACE TO THE SECOND EDITION.

A few misprints have been corrected, and the statistics have been brought up to date; but otherwise no change has been made in the book except the addition of a few facts about some of the smaller British possessions—on page 154.

October 21, 1897.

PREFACE TO THE THIRD EDITION.

The demand for a third edition has given me an opportunity of expanding the sections referred to above on the smaller British possessions, and of adding a short account of the Transvaal and Orange River Colonies.

L. W. L.

CONTENTS.

PART I.

					PAGE
INTRODUCTION .	•	•	•	•	1-56
(1) Population (Indu	JSTRIES,	Wants,	&c.)	•	3- 5
(2) CLIMATE		•	•	•	6- 9
(3) Some Economic B	EARING:	S OF CLIE	MATE	•	10-16
(4) THE ATMOSPHERE	•	•	•	•	17-23
(5) THE SEA,	•		•	•	24-27
(6) Mountains .		' •	. •	•	28-31
(7) RIVERS		•	•	•	31-34
(8) TRANSPORT .		•	•		35-51
(9) WAR	•	, •	•	• .	52-56
	PART	r II.	•		
THE BRITISH EMPI	RE .	•	• ,	•	57-153
(1) THE BRITISH ISLES	s .	•	•	•	58- 82
) 1	(Surro	undings d	and Harb	ours)	58- 67
31	(Surfa	ce) .	•		67- 71
**	(Indus	tries)	•	•	71- 82

CONTENTS.

(2)			PAGE
(2) CANADA	• •	•	82-103
,, (Surroundings, Fisher	ies, and Harbo	urs)	82- 87
,, (Surface)	• •	•	87- 90
os (Wheat)	•	. • .	91- 94
, (Timber)	•	• "	95- 98
(Pasture)	•	•	98- 99
,, (Fruit)	• •	•	99-100
,, (Minerals) .	•	•	100-103
n (Furs)	•	•	103
(3) Australia	•	•	104-117
" (Surroundings and	Harbours)	•	104-107
., (Surface) .	* *** •	•	107-109
(Pasture) .	•		109-111
. (Agriculture)	•		111-114
, (Minerals) .	•		114-117
(4) India	•		118-131
" (Surroundings and Harl	iours)		118-121
, (Surface)	No.		121-124
, (Pasture and Timber)			124-125
, (Agriculture) .			125-129
CEYLON		•	130
BURMA		•	130-131
(5) South Africa	•	•	131-146
Cape Colony		•	132-140
P3	(Surrounding:	and	
· ·	Harbours)	•	132-134
"	(Surface)	•	134-135
72	(Pasture)	•	135-137

CO	N	Т	F	N	Т	2
CU	7.4		Ľ	7.4		J.

ix

161

(5)	South Africa	-Contin	ued.					_	PAGE
		CAPE CO	DLONY	(Agric	ultur	;)	•	I	37-139
		**	•	(Mine	rals)			I	39-140
		BASUTO	LAND	•	•		•		140
		NATAL	•	•			•	I	40-144
		BECHUA	NALA	ND	•			I	44-145
		MATABE	LELA	ND AND	Mas	HON	1 -		
		LAND	• ,	٠	•		•	I	45-146
				• ' .					
(6)	NEW ZEALAND	•	•	•	•		•	I	46-153
		(Surrour	idings	and H	arbou	rs)		1	46-148
,		(Surface)		•			•	I	48-149
		(Pasture	, Tim	ber, and	l Agr	icultu	ire)	I	49-151
	•	(Mineral	ls)	•	•		•	I	51-153
(7)	Newfoundlan	D .	` .						154
(8)	BRITISH CENTE	RAL AMEI	RICA.	•		•		•	155
(9)	BRITISH Posses	ssion s in	THE	Pacifi	C	•		•	156
(10)	TRANSVAAL AN	d Orang	e Riv	er Co	LONIE	6		•	157

INDEX

INDEX.*

A

AFRICA, South, 131-146.
Agriculture, 3, 91-94, 111-114, 125-129, 137-139, &c.
Atlantic Ocean, The, 61.
Atmosphere, The, 8, 17-23.
Australia, 12, 39, 104-117.
Austria, 50.

BASUTOLAND, 140.
Bechuanaland, 144, 145.
Bermudas, 155.
Birmingham, 78.
Bombay, 48, 119, 126, 127.
Brazil, 11.
British Isles, 58-82.

Fast Indias, 156.

,, East Indies, 156. ,, Guiana, 155. ,, Honduras, 155.

,, West Indies, 155. Burma, 130, 131.

С

CALCUTTA, 119, 120.
Calms, 21.
Canada, 82-103.
Canadian Pacific Railway, 53.
Canals, 48, 49, 52.
Cape Colony, 47, 132-140.
Ceylon, 130.
Cheese, 69, 98.
Climate, 3, 6-16, 22,-&c.
Coffee, 129, 156.
Colonies, 10, 61.
Columbia, States of, 37.
Competition, 42, 50, 56.
Corinthian Canal, 49.
Cotton, 54, 126, 127.

Currents, 25-27, 45, 46, 58, 104, &c. Cyclones, 21.

D

DESERT, 22. Dominion of Canada, 82-103.

E

EARTHQUAKES, 16. Ecuador, 37, 38. Egypt, 11. Electricity, 13. England, 62-65, 67-82. Esquimalt, 86.

F.

Fiji Islands, 156. Fish, 39, 40, 55, 74, 75, 87, 154. Floods, 15, 16, 94. Fruit, 47, 99, 100, 112-114, 138. Furs, 103.

GLASGOW, 65, 80. Gold, 102, 103, 115, 116, 152, 153, 157. Grapes, 47, 112, 113, 138. Great Lakes, The, 86.

H

HALIFAX, 85.
Harbours, 35, 47, 48, 60, 62-67, 85, 86, 105-107, 119, 120, 133, 147, 148.
Holland, 11.
Hudson Bay Route, 83,
Human Wants, 2.

1

India, 118-131. Industries, 3, 40, 55, 62, 71-82, &c.

Only a few of the most important subjects and places are referred to in this Index.

Insular Position, 59. Irrigation, 31, 137, 144.

JAMAICA, 156. Johannesburg, 157.

L

"LABOUR," 2, 3, 12, 142, &c. Lakes, 34, 86. Leeds, 77, 78. Light, Artificial, 8, 13, 14. Liverpool, 64, 77. London, 63, 75, 78.

M

MANCHESTER, 77.

Manufactures, 3, 70, 76-82, &c.

Marine Industries, 40, 55.

Markets, 2, 73, &c.

Melbourne, 105.

Migrations, 4, 57.

Milk, 74.

Minerals, 30, 62, 64, 69, 70, 76-82, 100-103, 114-117, 139, 143, 145, 152, 153, 157.

Monsoons, 20, 21.

Montreal, 84.

Motive Power, 35.

Mountains, 7, 17, 28-31, 66-70, 89, 108, 120, &c.

N

NATAL, 12, 140-144. Necessaries of Life, 2, 4. Newcastle, 62, 76. Newfoundland, 27, 154. New Zealand, 13, 39, 146-153. Nile, The, 33, 34. Norway, 13.

ORANGE RIVER COLONY, 157, 158.

P

PASTURE, 69, 73, 74, 98, 99, 109-111, 124, 135-137, &c. Population, 3-5, &c. R

RAILWAYS, 38-44, 50, 52, 71, 77, 78, 125, &c.
Railway Rates, 41-44Rhine, The, 33.
Rice, 126, 130, &c.
Rivers, 31-34, 62, 63, 89, 121, &c.
Roads, 35-38.
Routes, 41, 45, 46, 53, 55, 56, 77, 78, 83, 84, &c.
Russia, 29.

S

SEA, The, 8, 24-27, 61, &c. Seasons, The, 14.

Sheep, 69, 135, 136, 149.
Snow, 22, 96.
Soil, 9, 28, 29, &c.
Steamers, 46, 57.
Straits Settlements, 156.
Sugar, 113, 143, 155, 156.
Switzerland, 29.
Sydney, N.S.W., 107.

T.

TASMANIA, 12, 117.

Tea, 128, &c.
Thames, The, 25.
Tides, 25, 85.
Timber, 53, 95-98, 125, 130, 150.
Tobacco, 128, 137, 146.
Towns, 3, 15, 35, 40, &c.
Trade, 1, 50.
, British, 72.
, Winds, 18-21.
Transport, 35-51, 59, &c.
Transvaal Colony, 156, 157.

W

Wants, Human, 2, 4, 73. War, 52-56, 68. Water-Power, 12, 13, 117. Wheat, 87-94, 112. Winds, 17-22, 46. Wine, 112, 138.

SOME SCHOOLS USING

"A COMMERCIAL GEOGRAPHY OF THE BRITISH EMPIRE." *

By L. W. LYDE, M.A.

Belfast—
Commercial Academy.
Skerry's College.
Birmingham—
Farm Street School.
Tindal Street Evening School.
Waverley Road Higher Grade

School.

Blackpool—High School.

Bootle—Technical School.

Bourne—Dunsly School.

Bradford—

Hanson Secondary School.
Lorne Street School.

Brighouse—Technical School. Brighton—Clarence College. Bristol—Glenthorne School.

Burgess Hill — London Road Council School.

Bury St Edmunds—East Anglian School.

Canterbury—King's School.
Cardiff—Intermediate School.
Cheltenham—St Mary's Hall.
Chesterfield — Clown Council
School.
Cirencester—High School.

Colchester — Pupil Teachers'
Centre.
Crewe—The Academy.

Dalton-in-Furness — Broughton Road Senior School.

Dublin — Diocesan Intermediate School.

Dudley-St Edmund's School.

Englefield Green—Boys' School. Epsom—The College.

Hailsham — Hurstmonceaux School.

Handsworth—Grammar School. Hanley Castle—Grammar School.

Kirkcaldy-High School.

Leeds-

Farsley Technical School.

Southern Higher Grade School.

Limerick — Christian Brothers' School.

Liverpool-

Christ Church School.
Pupil Teachers' Centre, Everton
Valley.

^{*} A selection only.

Some Schools using "A Commercial Geography of the British Empire"—continued.

Liverpool—continued.

St Margaret's Higher Grade
School.

London-

All Saints' School, Putney.
Burrage Grove L.C.C. School,
Woolwich.
Clark's College, Holloway.
Clyde Street Pupil Teachers'
Centre, Deptford.
Coopers' Co.'s School, Bow.
Montem Street Even. School, N.
Northern Polytechnic.
Ward Schools, Aldergate Street.

Maenclochog—The School.

Manchester—
Convent School, Fallowfield.
Keefe's Civil Service Academy.

Much Wenlock—Church Schools.

Narberth-Penffordd School.

Omagh—Aughnamoyle School.

Rotherham — Kimberworth National School.

Southampton-Boys' College and

High School.

Spalding—Donnington Grammar School.

Sunderland—Technical School.

Swansea—Higher Grade School.

Tewkesbury—Grammar School.

Tunbridge Wells — Speldhurst
School.

Wakefield—Collegiate School.

West Bromwich — Commercial and C.S. Training School.

West Ham — Silvertown Boys' School.

This book is on the London County Council Requisition Lists.

A LIST OF EDUCATIONAL WORKS ARRANGED ACCORDING TO SUBJECTS PUBLISHED BY METHUEN AND COMPANY 36 ESSEX ST., LONDON, W.C.

CONTENTS

•				2 1- 1			PAGE
COMMERCE			•	•	,		3
DIVINITY	•		•	•	•	•	3
DOMESTIC SCI	ENCE		•	•			4
ENGLISH	•	•	•			•	4
FRENCH				• 1			. 7
GENERAL		•					7
GEOGRAPHY			•			٠.	3
GERMAN	•		. •	• , .			.8
GREEK .	•						9
HISTORY			•				10
LATIN .					*	. 4	11
MATHEMATICS						` ,	13
SCIENCE			· · • · · ·		•		14
TECHNOLOGY					· .	٠.,	16
SERIES OF EDI	DCATIC	DNAL Y	VORKS		-		77-20 ·

MESSRS. METHUEN WILL BE GLAD TO SEND THEIR COMPLETE CATALOGUE OR PROSPECTUSES OF ANY OF THEIR SERIES TO ANY ADDRESS, POST FREE ON APPLICATION

NOTE

MESSRS. METHUEN will be happy to receive applications for Specimen Copies of any of their School Books from bond-fide Teachers. Specimen Copies of many of their School Books are supplied gratis, but a charge must be made in all cases for books marked with a dagger (†) in this List. Specimen Copies of Keys are not given.

A copy of any book in this List can be seen at Messrs. Methuen's offices, 36 Essex Street, Strand, W.C., and most of them may be consulted at the Library of The Teachers' Guild, 74 Gower Street, W.C., and at the Library of the College of Preceptors, Bloomsbury Square, W.C. A copy of each of Messrs. Methuen's Educational Books is sent to the Education Department Libraries in the Colonies.

Books marked with an asterisk (*) are now in the press, and will be issued shortly.

MESSRS. METHUEN'S Educational List

Commerce

† Commercial Education in Theory and Practice. By E. E. Whitfield, M.A. Crown 8vo, 5s.

Treats of the whole question of Commercial Education. Reliable information as to the work done by young clerks in modern business establishments is given, also hints as to the bearing of school work on such duties. A number of examination papers and lists of books are included.

- † A Guide to Professions and Business. By HENRY JONES. Crown 8vo, 1s. 6d.
- Précis Writing and Office Correspondence. By E. E. WHITFIELD, M.A. Second Edition. Crown 8vo, 2s.
- † Commercial Examination Papers. By H. DE B. GIBBINS, Litt.D., Headmaster, King Charles 1. School, Kidderminster, Papers on Commercial Geography and History, French and German Correspondence, Book-keeping, and Office Work. Crown 8vo, 1s. 6d.
- The Economics of Commerce. By H. DE B. GIBBINS, Litt.D. Second Edition. Crown 8vo, 1s. 6d.
- A Primer of Business. By S. Jackson, M.A. Third Edition. Crown 8vo, 1s. 6d.
- Commercial Law. By W. Douglas Edwards, LL.B. Second Edition. Crown 8vo, 2s.

See also under "French," "German," "Geography," "History," "Mathematics."

Divinity

- *The First Book of Kings. Edited by A. E. RUBIE, D.D., Headmaster of Eltham College. Crown 8vo.
- The Gospel according to St. Matthew. Edited by E. Wilton South, M.A. With Three Maps. Crown 8vo, is. 6d.
- The Gospel according to St. Mark. Edited by A. E. RUBIE, D.D. With Three Maps. Crown 8vo, 1s. 6d-

- The Gospel according to St. Luke. Edited by WILLIAM WILLIAMSON, B.A. With Three Maps. Crown 8vo, 2s.
- The Acts of the Apostles. Edited by A. E. RUBIE, D.D. With Three Maps. Crown 8vo, 2s.
- The Students' Prayer Book. The Text of the Morning AND EVENING PRAYER AND LITANY. With Notes by W. H. FLECKER, M.A., D.C.L., Headmaster of the Dean Close School, Cheltenham. Crown 8vo, 2s. 6d.
- Old Testament History for use in Schools. By W. F. Burnside, M.A., Assistant Master in Cheltenham College. Crown 8vo, 3s. 6d.
- † An English Church History for Children. By MARY E. SHIPLEY. With a Preface by the BISHOP OF GIBRALTAR, late Professor of Ecclesiastical History at King's College, London. With Maps and Illustrations. Part I. Crown 8vo, 2s. 6d. net.
- A Primer of the Bible. By W. H. BENNETT, M.A. Second Edition. Crown 8vo, 2s. 6d.

See also under "Greek."

Domestic Science

How to make a Dress. By J. A. E. Wood. Illustrated. Third Edition. Crown 8vo, 1s. 6d.

"Though primarily intended for students, Miss Wood's dainty little manual may be consulted with advantage by any girls who want to make their own frocks. The directions are simple and clear, and the diagrams are very helpful."—Literature.

Adopted by the London County Council Education Committee.

Millinery: Theoretical and Practical. By CLARE HILL.
With numerous Diagrams. Second Edition. Crown 8vo, 2s.

English

- A Class Book of Easy Dictation and Spelling. By W. WILLIAMSON, B.A. Fifth Edition. Fcap. 8vo, 1s.
- A Class Book of Dictation Passages. By W. WILLIAMSON, B.A. Eleventh Edition. Crown 8vo, 1s. 6d.

In use at over three hundred Schools, including Bath College; Blackheath School; Bradford College; Fauconberge School, Beccles; Cheltenham College; High School, Dublin; Edinburgh Academy; High School, Glasgow; Elizabeth College, Guernsey; Lancing College; Merchant Taylors' School; Mill Hill School; Nottingham High School; Owen's School, Islington; St. Olave's School, Southwark; St. Paul's School.

- A Junior English Grammar. By W. WILLIAMSON, B.A. With numerous passages for Parsing and Analysis, and a Chapter on Essay-Writing. Third Edition. Crown 8vo, 2s.
- † Junior English Examination Papers. By W. WILLIAMson, B.A. Fcap. 8vo, Is.
- The Beginner's Poetry Book. By W. WILLIAMSON, B.A., Author of "Dictation Passages." Fcap. 8vo, 1s.

The Rose Reader. By EDWARD ROSE. With numerous Illustrations, some of which are Coloured. Crown 8vo, 2s. 6d. And in Four Parts. Parts I. and II., 6d. each; Part III., 8d.; Part IV., 10d. Introduction for the Teacher separately, 6d.

A reader on a new and original plan. The distinctive feature of this book is the entire avoidance of irregularly-spelt words until the pupil has thoroughly mastered the principle of reading, and learned its enjoyment. The reading of connected sentences begins from the first page, before the entire alphabet is introduced.

Tommy Smith's Animals. By EDMUND SELOUS. With 8 Illustrations by G. W. ORD. School Edition. Fcap. 8vo, 1s. 6d.

A reader to inculcate kindness to animals, suitable for the upper forms of elementary schools and middle forms of secondary schools. Adopted by the Yorkshire West Riding County Council and Portsmouth Education Committee.

- Ballads of the Brave. Poems of Chivalry, Enterprise, Courage, and Constancy. Edited by F. LANGERIDGE, M.A. Second Edition. Crown 8vo, 2s. 6d.
- A Short Story of English Literature. By EMMA S. Mellows. Crown 8vo, 3s. 6d.
- English Poetry from Blake to Browning. By W. M. DIXON, M.A. Second Edition. Crown 8vo, 2s. 6d. Suitable for University extension students and home reading circles.
- Victorian Poets. By A. SHARP. Crown 8vo, 2s. 6d. Suitable for University extension students and home reading circles.
- A Primer of Tennyson. By W. M. DIXON, M.A. Second Edition. Crown 8vo, 2s. 6d.
- A Primer of Wordsworth. By Laurie Magnus, M.A. Crown 8vo, 2s. 6d.

THE LITTLE LIBRARY

Pott 8vo. Each Volume, cloth, 1s. 6d. net.

Each, where it is necessary, contains an Introduction, which gives (1) a short biography of the author; (2) a critical estimate of the book. Short notes are given at the foot of the pages.

- † A Little Book of English Prose. Edited by Mrs. P A. BARNETT.
- † A Little Book of English Lyrics.
- † A Little Book of Scottish Verse. Edited by T. F. HENDERSON.
- † The Early Poems of Alfred, Lord Tennyson. Edited by J. Churton Collins, M.A.
- † The Princess, and other Poems. By Alfred, Lord Tennyson. Edited by Elizabeth Wordsworth.
- † Maud, and other Poems. By Alfred, Lord Tennyson. Edited by Elizabeth Wordsworth.
- †In Memoriam. By Alfred, Lord Tennyson. Edited by H. C. Breching.

- † Selections from Wordsworth. Edited by Nowell C. SMITH.
- † Eothen. By A. W. KINGLAKE. Second Edition.
- † Elia. and the Last Essays of Elia. By Charles Lamb. Edited by E. V. Lucas.
- By W. M. THACKERAY. Edited by STEPHEN †Esmond. GWYNN

A full list of this Series will be sent free on application.

†METHUEN'S STANDARD LIBRARY

In Sixpenny Volumes.

Messrs. METHUEN are issuing a new series of reprints containing both books of classical repute which are accessible in various forms, and also some rarer books of which no satisfactory edition at a moderate price is in existence. It is their ambition to place the best books of all nations, and particularly of the Anglo-Saxon race, within the reach of every reader. All the great masters of Poetry, Drama, Fiction, History, Biography, and Philosophy will be represented.

The characteristics of Methuen's Standard Library are five:-

1. Soundness of Text. A pure and unabridged text is the primary object of the series, and the books are carefully reprinted under the direction of competent scholars from the best editions.

2. COMPLETENESS. Where it seems advisable, the complete works of such masters as Milton, Bacon, Ben Jonson, and Sir Thomas Browne will be given. These will be issued in separate volumes, so that the reader who does not desire all the works of an author

will have the opportunity of acquiring a single masterpiece.
3. CHEAPNESS. The books are well printed on good paper at a price which on the whole is without parallel in the history of publishing. Each volume will contain from

100 to 350 pages, and will be issued in paper covers, crown 8vo, at sixpence net.
4. CLEARNESS OF TYPE. The type will be a very legible one.

SIMPLICITY. There will be no editorial matter except a short biographical and

bibliographical note at the beginning of each volume.

The Poems of Percy Bysshe Shelley. 4 Vols. Adam Bede.

Where it is possible, each separate book will be issued in one volume, but the longer ones must be divided into several volumes. The volumes may also be obtained in cloth at one shilling net, and where a single book is issued in several sixpenny volumes it may be obtained in cloth in a double or treble volume.

The first Volumes, many of which are ready, are:-

The Works of Sir Thomas Browne. 6 Vols. The Works of William Shakespeare. ro Vols. The Pilgrim's Progress. Humphry Clinker. The Select Works of Sir Thomas More. The Novels of Jane Austen. 5 Vols.
The Meditations of Marcus Aurelius. The Analogy of Religion. Cranford. By Mrs. Gaskell. The Decline and Fall of the Roman The Early Italian Poets (1100-1300). Empire. 7 Vols.
The Poems of John Milton. 2 Vols. On Human Understanding. By John Locke. The Prose Works of John Milton. The Poems of John Keats. 2 Vols. The Lives of the Most Eminent English The English Works of Francis Bacon. The Poems and Plays of Oliver Goldsmith. Poets. By Samuel Johnson. 3 Vols. Six Dramas of Calderon. Select Works of Edmund Burke. 2 Vols. The Adventures of Gil Blas. . Vols. On the Imitation of Christ. The Works of Ben Jonson. 12 Vols. The Life of Samuel Johnson. The Works of Henry Fielding. 4 Vols.
The Poems of Chatterton. 2 Vols.
The Plays of Christopher Marlowe. 2 Vols.
The Natural History of Selborne.
The Life of Nelson. By Robert Southey. Boswell. 3 Vols. The Plays of Philip Massinger. Travels into Several Remote Nations of the World. By Lemuel Gulliver. The Diary and Correspondence of Samuel The Compleat Angler. 2 Vols. Pepys. 3 Vols.

French

WORKS BY A. M. M. STEDMAN, M.A.

Steps to French. Seventh Edition. 18mo, 8d.

First French Lessons. Seventh Edition. Crown 8vo, 1s.

Easy French Passages for Unseen Translation. Fifth Edition. Fcap. 8vo, 1s. 6d.

Easy French Exercises on Elementary Syntax. With Vocabulary. Fourth Edition. Crown 8vo, 2s. 6d. Key, 3s. net.

French Vocabularies for Repetition: Arranged according to Subjects. Twelfth Edition. Fcap. 8vo, 1s.

† French Examination Papers in Miscellaneous Grammar and Idioms. Thirteenth Edition. Crown 8vo, 2s. 6d.

A Key, issued to Tutors and Private Students only, to be had on application to the Publishers. Fifth Edition. Crown 8vo, 6s. net.

Easy French Rhymes. By HENRI BLOUET. Illustrated. Fcap. 8vo, 1s.

This little book contains many English nursery rhymes translated into French rhymes. It will supply children with an extensive and easily acquired French vocabulary.

A Junior French Grammar. By L. A. SORNET and M. J. ACATOS, Modern Language Masters at King Edward's School, Birmingham. With many Exercises. Crown 8vo, 2s.

† Junior French Examination Papers in Miscellaneous Grammar and Idioms. By F. Jacob, M.A., Modern Language Master at Cheltenham College. Fcap. 8vo, 1s.

A Junior French Prose. By R. R. N. BARON, M.A., Modern Language Master at Cheltenham Grammar School. Crown 8vo, 2s.

French Prose Composition. By R. R. N. BARON, M.A. With Vocabularies and Notes. Second Edition. Crown 8vo, 2s. 6d. Key, 3s. net.

Suitable for use in Upper Forms and for Candidates for Army Examinations.

Nouvelle Grammaire Française. By J. G. Anderson, B.A. Crown 8vo, 2s.

Exercices de Grammaire Française. By J. G. Anderson, B.A. Crown 8vo, 1s. 6d.

A Manual of French Commercial Correspondence. By S. E. Bally, late Modern Language Master at the Manchester Grammar School. With Vocabulary. Third Edition. Crown 8vo, 2s.

A French Commercial Reader. By S. E. Bally. With Vocabulary. Second Edition. Crown 8vo, 2s.

General

†Junior General Information Examination Papers, By W. S. Beard, Headmaster, The Modern School, Southwold. Fcap. 8vo, 1s. *Key, 3s. 6d. net. deneral Knowledge Examination Papers. By A. M. M. STEDMAN, M.A. Fifth Edition.

Key (Third Edition), issued to Tutors and Private Students only, 7s. net. The Rights and Duties of the English Citizen. By H.

E. MALDEN, M.A. Fifth Edition, Revised, 1s. 6d.

Geography

The Dominion of Man. By ERNEST PROTHEROE, Lecturer at the Municipal Technical School, Wolverhampton. With 32 fullpage Illustrations. Crown 8vo, 2s.

A Historical Geography of the British Empire. By H. B. GEORGE, M.A., Fellow of New College, Oxford. Second

Edition, Revised. Crown 8vo, 3s. 6d.

t The Student's Modern and Historical Atlas of the British Empire. By C. GRANT ROBERTSON, M.A., Fellow of All Souls', Oxon., and J. G. BARTHOLOMEW, F.R.S.E., F.R.G.S. Quarto, 4s. 6d. net.

A Commercial Geography of the British Empire. By L. W. LYDE, M.A., Professor of Economic Geography, University College, London. Fourth Edition. Crown 8vo, 2s.

A Commercial Geography of Foreign Nations. By F. C. Boon, B.A., Assistant Master at Dulwich College. Crown 8vo, 2s. By W. G.

Junior Geography Examination Papers. BAKER, M.A. Fcap. 8vo, 1s.

† History and Geography Examination Papers. By C. H. Spence, M.A., Clifton College. Third Edition. Crown 8vo, 2s. 6d.

German

German Vocabularies for Repetition: Arranged according to Subjects. By SOPHIE WRIGHT, late Scholar of Bedford College, London. Fcap. 8vo, 1s. 6d.

A Companion German Grammar. By H. DE B. GIBBINS, Litt.D., M.A. Crown 8vo, 1s. 6d.

German Passages for Unseen Translation. By E. M'QUEEN GRAY. Crown 8vo, 2s. 6d.

+ Junior German Examination Papers. By A. Voegelin, M.A., Assistant Master at St. Paul's School. Fcap. 8vo, Is.

t German Examination Papers in Miscellaneous Grammar and Idioms. By R. J. MORICH, late Assistant Master at Clifton College. Sixth Edition. Crown 8vo, 2s. 6d.

Key (Third Edition), issued to Tutors and Private Students only, 6s. net.

A Manual of German Commercial Correspondence. By S. E. BALLY. With Vocabulary. Crown 8vo, 2s. 6d.

A German Commercial Reader. By S. E. BALLY. With Vocabulary. Crown 8vo, 2s.

Greek

† The Nicomachean Ethics of Aristotle. Edited, with an Introduction and Notes, by John Burnet, M.A., Professor of Greek at St. Andrews. Cheaper Edition. Demy 8vo, 10s. 6d. net.

This edition contains parallel passages from the Eudemian Ethics, printed under the text, and there is a full commentary, the main object of which is to interpret difficulties in the light of Aristotle's own rules.

Demosthenes against Conon and Callicles. Edited, with Notes and Vocabulary, by F. D. Swift, M.A. Fcap. 8vo, 2s.

Greek Testament Selections. Edited, for the Use of Schools, by A. M. M. STEDMAN, M.A. Fourth Edition. With Introduction, Notes, and Vocabulary. Fcap. 8vo, 2s. 6d.

Herodotus: Easy Selections. With Vocabulary. By A. C. LIDDELL, M.A., of Westminster School. Fcap. 8vo, 1s. 6d.

TRANSLATIONS

- † Aeschylus Agamemnon, Chöephoroe, Eumenides. Translated by Lewis Campbell, LL.D. Crown 8vo, 5s.
- † The Frogs of Aristophanes. Translated by E. W. Hunt-INGFORD, M.A., Professor of Classics in Trinity College, Toronto. Crown 8vo, 2s. 6d.
- † Demosthenes—The Olynthiacs and Philippics. Translated on a new principle by Otho Holland. Crown 8vo, 2s. 6d.
- t Lucian Six Dialogues (Nigrinus, Icaro-Menippus, The Cock, The Ship, The Parasite, The Lover of Falsehood). Translated by S. T. IRWIN, M.A., Assistant Master at Clifton. Crown 8vo, 3s. 6d.
- † Sophocles—Electra and Ajax. Translated by E. D. A. Morshead, M.A., Assistant Master at Winchester. Crown 8vo, 2s. 6d.

GRAMMARS, EXERCISES, ETC. WORKS BY A. M. M. STEDMAN, M.A.

Steps to Greek. Second Edition, Revised. 18mo, 1s.

A Shorter Greek Primer. Crown 8vo, 1s. 6d.

Easy Greek Passages for Unseen Translation. Third Edition. Fcap. 8vo, 1s. 6d.

- Greek Vocabularies for Repetition: Arranged according to Subjects. Third Edition. Fcap. 8vo, 1s. 6d.
- † Greek Examination Papers in Miscellaneous Grammar and Idioms. Eighth Edition. Crown 8vo, 2s. 6d.

Key (Third Edition), issued to Tutors and Private Students only, 6s. net.

† Junior Greek Examination Papers. By T. C. WEATHER-HEAD, M.A., Elstree Preparatory School. Fcap. 8vo, 1s. † Examination Papers in Thucydides. Arranged by T. NICKLIN, M.A., Assistant Master at Rossall School. Crown 8vo. 2s.

Easy Greek Exercises on Elementary Syntax. By C. G. BOTTING, B.A., Assistant Master at St. Paul's School. Crown 8vo, 2s.

† Notes on Greek and Latin Syntax. By G. BUCKLAND GREEN, M.A., Assistant Master at Edinburgh Academy, late Fellow of St. John's College, Oxon. Crown 8vo, 3s. 6d.

Notes and explanations on the chief difficulties of Greek and Latin syntax, with numerous passages for exercise, for the higher forms of schools and the universities.

Passages for Unseen Translation. By E. C. MARCHANT, M.A., Fellow of Peterhouse, Cambridge; and A. M. Cook, M.A., Assistant Master at St. Paul's School. Third Edition. Crown 8vo,

Two hundred Latin and two hundred Greek passages, arranged in order of increasing difficulty. Has been carefully compiled to meet the wants of V. and VI. form boys at the public schools, and is also well adapted for the use of honourmen at the universities. Prose and verse alternate throughout.

"We know no book of this class better fitted for use in the higher forms of schools." -Guardian.

† A Greek Anthology. Selected by E. C. MARCHANT, M.A., Fellow of Peterhouse, Cambridge. Crown 8vo, 3s. 6d.

† New Testament Greek. A Course for Beginners. By G. RODWELL, B.A. With a Preface by WALTER LOCK, D.D., Warden of Keble College. Fcap. 8vo, 3s. 6d.

The Greek View of Life. By G. L. DICKINSON. Fourth

Edition. Crown 8vo, 2s. 6d.

History

Makers of Europe. By E. M. WILMOT-BUXTON. Fifth

Edition, Revised. Crown 8vo, 3s. 6d.

A text-book of European history suitable for the Middle Forms of Schools. The whole course is designed to fill about two years at the rate of two short lessons a week. The Ancient World. By E. M. WILMOT-BUXTON.

Maps and Illustrations. Crown 8vo, 3s. 6d.

Easy Stories from English History. By E. M. WILMOT-Buxton. Crown 8vo, Is.

A Handy Digest of British History. Comprising an Analysis and Commentary, with Appendices illustrative of the points of contact between Great Britain, her Colonies, and Foreign Nations. By C. E. SNOWDEN, M.A., Classical Master at Ascham School, Eastbourne. Demy 8vo, 4s. 6d.

The Story of the British Empire for Children.

ANDERSON. With many Illustrations. Crown 8vo, 2s.

School History of Surrey. By H. E. With many Illustrations. Crown 8vo, 1s. 6d.

A School History of Middlesex. By VICTOR PLARR and F. W. WALTON. With many Illustrations. Crown 8vo, 1s. 6d.

A School History of Somerset. By WALTER RAYMOND. With many Illustrations. Crown 8vo, 1s. 6d.

*A School History of Lancashire. By W. E. RHODES. With many Illustrations. Crown 8vo, 1s. 6d.

A Short History of Rome. By J. Wells, M.A., Fellow and Tutor of Wadham College, Oxford. With Three Maps. Fifth Edition. Crown 8vo, 3s. 6d.

"The schoolmasters who have felt the want of a fifth-form handbook of Roman history may congratulate themselves on persuading Mr. Wells to respond to it. His book is excellently planned and executed. Broken up into short paragraphs, with headings to arrest the attention, his manual does equal justice to the personal and the constitutional aspects of the story. Special credit is due to an author who, in the compilation of an elementary work of this kind, faces the difficulties of his subject with conscientious skill, neither ignoring them nor eluding them with a loose phrase, but striving to explain them in the simplest and briefest statements."—Journal of Education.

† A Constitutional and Political History of Rome. By T. M. TAYLOR, M.A., Fellow of Gonville and Caius College, Cambridge, Porson University Scholar, etc. etc. Crown 8vo, 7s. 6d.

An account of the origin and growth of the Roman institutions, and a discussion of the various political movements in Rome from the earliest times to the death of Augustus.

- A Student's History of Scotland. By D. W. RANNIE, M.A. Crown 8vo, 3s. 6d.
- + Battles of English History. By H. B. GEORGE, M.A. With numerous Plans. Third Edition. Crown 8vo, 3s. 6d.
- † English Records. A Companion to the History of England. By H. E. Malden, M.A. Crown 8vo, 3s. 6d.
- The French Revolution. By J. E. SYMES, M.A. Crown 8vo, 2s. 6d.
- tHistory and Geography Examination Papers. By C. H. Spence, M.A., Clifton College. Third Edition. Crown 8vo, 2s. 6d.
- † Examination Papers on the Constitutional and General History of England. By J. TAIT PLOWDEN-WARDLAW, M.A., King's College, Cambridge. Crown 8vo, 2s. 6d.
- British Commerce and Colonies from Elizabeth to Victoria. By H. DE B. GIBBINS, Litt.D., M.A. Third Edition. Crown 8vo, 2s.
- The Industrial History of England. By H. DE B. GIBBINS, Litt.D., M.A. Tenth Edition, Revised. With Maps and Plans. Crown 8vo, 3s.
- English Social Reformers. By H. DE B. GIBBINS, Litt.D. Crown 8vo, 2s. 6d.
- English Trade and Finance in the Seventeenth Century. By W. A. S. Hewins, B.A. Crown 8vo, 2s. 6d.

Latin

TEXTS

- Easy Selections from Caesar. The Helvetian War. With Notes and Vocabulary. By A. M. M. Stedman, M.A. Illustrated. Second Edition. 18mo, 1s.
- Easy Selections from Livy. The Kings of Rome. With Notes and Vocabulary. By A. M. M. STEDMAN, M.A. Illustrated. Second Edition. 18mo, 1s. 6d.

† The Captivi of Plautus. Edited, with an Introduction,
Textual Notes, and a Commentary, by W. M. Lindsay, Fellow of
Jesus College, Oxford. Demy 8vo, 10s. 6d. net.
For this edition all the important MSS. have been re-collated. An Appendix deals
with the accentual element in early Latin verse. The Commentary is very full.

The Captivi of Plautus. Adapted for Lower Forms by J. H. FREESE, M.A., late Fellow of St. John's, Cambridge. Fcap. 8vo, Is. 6d.

- Taciti Agricola. With Introduction, Notes, Maps, etc. By R. F. Davis, M.A., late Assistant Master at Weymouth College. Crown 8vo, 2s.
- Taciti Germania. By R. F. Davis, M.A. Crown 8vo, 2s.

TRANSLATIONS

- † Cicero—De Oratore I. Translated by E. N. P. Moor, M.A. late Assistant Master at Clifton. Crown 8vo, 3s. 6d.
- † Cicero—Select Orations (Pro Milone, Pro Murena, Philippic II., In Catilinam). Translated by H. E. D. BLAKISTON, M.A., Fellow and Tutor of Trinity College, Oxford. Crown 8vo, 5s.
- † Cicero—De Natura Deorum. Translated by F. Brooks, M.A., late Scholar of Balliol College, Oxford. Crown 8vo, 3s. 6d.
- Cicero de Officiis. Translated by G. B. GARDINER, M.A. Crown 8vo, 2s. 6d.
- † Horace—The Odes and Epodes. Translated by A. GODLEY, M.A., Fellow of Magdalen College, Oxford. Crown 8vo, 2s.
- † Thirteen Satires of Juvenal. Translated by S. G. OWEN, M.A. Crown 8vo, 2s. 6d.
- † Tacitus-Agricola and Germania. Translated by R. B. TOWNSHEND, late Scholar of Trinity College, Cambridge. Crown 8vo, 2s. 6d.

GRAMMARS, EXERCISES, ETC. WORKS BY A. M. M. STEDMAN, M.A.

- Initia Latina: Easy Lessons on Elementary Accidence. Eighth Edition. Fcap. 8vo, 1s.
 - First Latin Lessons. Ninth Edition. Crown 8vo, 2s.
 - First Latin Reader. With Notes adapted to the Shorter Latin Primer, and Vocabulary. Sixth Edition. 18mo, 1s. 6d.
 - Easy Latin Passages for Unseen Translation. Tenth Edition. Fcap. 8vo. 1s. 6d.
 - Exempla Latina: First Exercises in Latin Accidence. With Vocabulary. Third Edition. Crown 8vo, 1s.
 - Easy Latin Exercises on the Syntax of the Shorter and Revised Latin Primer. With Vocabulary. Tenth Edition. Crown 8vo, 1s. 6d. Issued with the consent of Dr. KENNEDY. Key, 3s. net. Original Edition. 2s. 6d.
 - The Latin Compound Sentence: Rules and Exercises. Second Edition. Crown 8vo, 1s. 6d.; with Vocabulary, 2s.

Notanda Quaedam: Miscellaneous Latin Exercises on Common Rules and Idioms. Fourth Edition. Fcap. 8vo, 1s. 6d.; with Vocabulary, 2s. Key, 2s. net.

Latin Vocabularies for Repetition: Arranged according

to Subjects. Thirteenth Edition. Fcap. 8vo, 1s. 6d.

A Vocabulary of Latin Idioms and Phrases. Second Edition. 18mo, 1s.

† Latin Examination Papers in Miscellaneous Grammar and Idioms. Twelfth Edition. Crown 8vo, 2s. 6d. Key (Fourth Edition), issued to Tutors and Private Students only, 6s. net.

† Junior Latin Examination Papers in Miscellaneous Grammar and Idioms. By C. G. BOTTING, B.A., Assistant Master at St. Paul's School. Third Edition. Fcap. 8vo., Is.

ant Master at St. Paul's School. Third Edition. Fcap. 8vo, Is.
† Examination Papers in Horace. Arranged by T. C.
Weatherhead, M.A. Crown 8vo, 2s.

† Examination Papers in Vergil. By W. G. COAST, B.A., Assistant Master at Fettes College. Crown 8vo, 2s.

Latin Hexameter Verse. An Aid to Composition. By S. E. Winbolt, M.A., Assistant Master at Christ's Hospital. Crown

8vo, 3s. 6d. Key, 5s. net.

"We may express at once our hearty approval of the method and our faith in its efficacy. The book is so good that the sixth-form master will be unable to dispense with it. To do so will be to handicap himself seriously in the race for scholarships."—Journal of Education.

Exercises in Latin Accidence. By S. E. WINBOLT, M.A. Crown 8vo, 1s. 6d.

† Notes on Greek and Latin Syntax. By G. BUCKLAND GREEN, M.A., Assistant Master at Edinburgh Academy, late Fellow of St. John's College, Oxon. Crown 8vo, 3s. 6d.

Latin Passages for Unseen Translation. By E. C. Mar-CHANT, M.A., Fellow of Peterhouse, Cambridge; and A. M. Cook, M.A., Assistant Master at St. Paul's School. Crown 8vo, 1s. 6d.

Mathematics

Easy Exercises in Arithmetic. Containing 5000 Examples. By W. S. BEARD. Fcap. 8vo. With Answers, 1s. 3d. Without

Answers, 1s.

A course of Arithmetic for lower forms in Secondary Schools and pupils preparing for Public Schools, Naval Cadetships, the Oxford and Cambridge Preliminary Local Examinations. The examples are very numerous, carefully graduated, and do not involve the use of numbers beyond the grasp of young students.

A New Junior Arithmetic. By H. Bompas Smith, M.A. Crown 8vo. With Answers, 2s. 6d. Without Answers, 2s.

Junior Arithmetic Examination Papers. By W. S. BEARD. With or without Answers. Second Edition. Fcap. 8vo, 1s. Contains 900 Questions arranged in papers of ten each.

† Arithmetic Examination Papers. By C. PENDLEBURY, M.A., Senior Mathematical Master, St. Paul's School. Fifth Edition. With Answers. Crown 8vo, 2s. 6d. Key, 5s. net.

Commercial Arithmetic. By F. G. TAYLOR, M.A. Fourth Edition. 1s. 6d.

Technical Arithmetic and Geometry. By C. T. Millis, M.I.M.E., Principal of the Borough Polytechnic Institute. With Diagrams. Crown 8vo, 3s. 6d.

A South African Arithmetic. By HENRY HILL, B.A., Headmaster, Boys' High School, Worcester, Cape Colony. Cr. 8vo, 3s.6d.

A Junior Geometry. By NOEL S. LYDON of Owen's School, Islington. With 239 Diagrams. Second Edition, Revised. With additional Exercises. Cr. 8vo, 2s.

"We do not know any book for beginners which deserves higher commendation."—

Geometry on Modern Lines. By E. S. Boulton, M.A., Lecturer in Mathematics at Merchant Venturers' Technical College, Bristol. Crown 8vo, 2s.

A New Trigonometry for Beginners. By R. F. D'ARCY, M.A. Crown 8vo, 2s. 6d.

Test Cards in Euclid and Algebra. By D. S. CALDERWOOD, Headmaster of the Normal School, Edinburgh. In three packets of 40, with Answers. 1s. each; or in three books, price 2d., 2d., and 3d.

Junior Algebra Examination Papers. By S. W. Finn, M.A., Headmaster, Sandbach School. With or without Answers. Fcap. 8vo, 1s.

The Principles of Book-keeping by Double Entry. By J. E. B. M'ALLEN, M.A. Crown 8vo, 2s.

† Examination Papers in Book-keeping. With Preliminary Exercises. Compiled and Arranged by J. T. MEDHURST, F.S. Accts. and Auditors, and Lecturer at City of London College. Seventh Edition. Crown 8vo, 3s. Key, 2s. 6d. net.

† Trigonometry Examination Papers. By G. H. WARD, M.A., late Assistant Master at St. Paul's School. Fourth Edition.

Crown 8vo, 2s. 6d. Key, 5s. net.

The Metric System. By LEON DELBOS. Crown 8vo, 2s.

Science

Elementary Experimental Science.—PHYSICS, by W. T. CLOUGH, A.R.C.S.; CHEMISTRY, by A. E. DUNSTAN, B.Sc. With 2 Plates and 154 Diagrams. Third Edition, Revised. Crown 8vo, 2s. 6d.

"This useful work includes the elements of general physics, heat, and chemistry, which are treated with commendable simplicity, clearness, and accuracy. Some of the tips are especially good. The diagrams are clear, the worked examples are typical, and the set of tables very convenient."—University Correspondent.

General Elementary Science. By J. T. Dunn, D.Sc., and V. A. Mundella, M.A. With 114 Illustrations. Second Edition. Crown 8vo, 3s. 6d.

Specially intended for London Matriculation Examination. Adopted by the Admiralty.

The World of Science. Including Chemistry, Heat, Light, Sound, Magnetism, Electricity, Botany, Zoology, Physiology, Astronomy, and Geology. By R. ELLIOT STEEL, M.A., F.C.S. 147 Illustrations. Second Edition. Crown 8vo, 2s. 6d.

- Elementary Experimental Chemistry. By A. E. Dun-STAN, B.Sc., Head of the Chemical Department, East Ham Technical College. With 4 Plates and 109 Diagrams. Crown 8vo, 2s.
- A Junior Chemistry. By E. A. Tyler, B.A., F.C.S., Head of the Chemical Department, Swansea Technical College. With 78 Illustrations. Third Edition. Crown 8vo, 2s. 6d.
- Practical Chemistry. By W. FRENCH, M.A., Principal of the Storey Institute, Lancaster. Part I. With 57 Diagrams. Fourth Edition. Crown 8vo, 1s. 6d. Part II. With 56 Diagrams. By W. FRENCH, M.A., and T. H. BOARDMAN, M.A., Science Master at Christ's Hospital. Crown Svo, 1s. 6d.

Suitable for Oxford and Cambridge Junior Locals. The teaching throughout is

inductive.

- An Elementary Text-Book of Inorganic Chemistry. By R. LLOYD WHITELY, F.I.C., Principal, Municipal Science School, West Bromwich. With 137 Illustrations. Crown 8vo, 2s. 6d.
- Plant Life: Studies in Garden and School. By H. F. JONES, F.C.S., late Instructor to the Wiltshire County Council. With 300 Diagrams. Crown 8vo, 3s. 6d.
- Practical Mechanics. By Sidney H. Wells. With 75 Illustrations and Diagrams. Third Edition. Crown 8vo. 3s. 6d.
- Practical Physics. By H. STROUD, D.Sc., M.A., Professor of Physics in the Durham College of Science, Newcastle-on-Tyne. With 115 Diagrams. Crown 8vo, 3s. 6d.
- Examples in Physics. By C. E. JACKSON, B.A., Science Master at Bradford Grammar School. Crown 8vo, 2s. 6d.
- *A Junior Magnetism and Electricity. By W. T. CLOUGH, A.R.C.S.(Lond.), Head of the Physical Department, East Ham Technical College. Crown 8vo.
- The Principles of Magnetism and Electricity. P. L. GRAY, B.Sc. With 181 Diagrams. Crown 8vo, 3s. 6d.
- † Physics Examination Papers. By R. E. STEEL, M.A., F.C.S., Headmaster, County School, Northampton. Papers on Sound, Light, Heat, Magnetism, Electricity.
- + The Scientific Study of Scenery. By J. E. MARR, M.A., F.R.S., Fellow of St. John's College, Cambridge. With numerous Illustrations and Diagrams. Second Edition. Crown 8vo, 6s.
- Agricultural Geology. By J. E. MARR, F.R.S. With numerous Illustrations. Crown 8vo, 6s.
- Agricultural Zoology. By Dr. J. RITZEMA BOZ. Translated by J. R. AINSWORTH DAVIS, M.A. With 155 Illustrations. Second Edition, with full Index. Crown 8vo, 3s. 6d.
- Dairy Bacteriology. A Short Manual for the Use of Students. By Dr. Ed. von Freudenreich. Translated by J. R. Ainsworth DAVIS, M.A. Second Edition. Crown 8vo, 2s. 6d.
- Insect Life. By F. V. THEOBALD, M.A. With 53 Illustrations.
- Second Edition, Revised. Crown 8vo, 2s. 6d. † Outlines of Biology. By P. CHALMERS MITCHELL, M.A. Illustrated. Second Edition. Crown 8vo, 6s.

UNIVERSITY EXTENSION SERIES—Science Volumes.

Crown 8vo, 2s. 6d. (with two exceptions),

These books are suitable for extension students and home reading circles. Each volume is complete in itself, and the subjects are treated by competent writers in a broad and philosophic spirit.

The Evolution of Plant Life. By G. MASSEE.

Air and Water. By Prof. V. B. Lewes, M.A. Illustrated. The Chemistry of Life and Health. By C.W. KIMMINS, M.A.

The Mechanics of Daily Life. By V. P. Sells, M.A.

The Chemistry of Fire. By M. M. PATTISON MUIR, M.A.

A Text-Book of Agricultural Botany. By M. C. POTTER, M.A., F.L.S. Illustrated. Second Edition. 4s. 6d.

The Vault of Heaven. By R. A. GREGORY.

Meteorology. By H. N. DICKSON, F.R.S.E., F.R.MET.Soc. Illustrated.

A Manual of Electrical Science. By G. J. Burch, M.A., F.R.S. Illustrated. 3s.

The Earth: An Introduction to Physiography. By EVAN SMALL, M.A. Illustrated.

Technology.

Carpentry and Joinery. By F. C. Webber. With 176 Illustrations. Fourth Edition. Crown 8vo, 3s. 6d.

The drawings are intended to serve not only as illustrations, but also as examples for reproduction by the student.

"An admirable elementary text-book on the subject."-Builder.

Builders' Quantities. By H. C. GRUBB, Lecturer on Quantities to the Beckenham Technical Institute, First Honoursman City and Guilds of London Institute. With 73 Diagrams. Crown 8vo, 4s. 6d.

"The book can be recommended to all who wish to commence studying this subject as a lucid, concise, and comprehensive account, and Mr. Grubb is to be congratulated on his success."—Manual Training Teacher.

"The author treats the subject in a simple and yet adequate manner. The illustrations are clearly drawn and well reproduced."—Technics.

† The Construction of Large Induction Coils. HARE, M.A. With numerous Diagrams. Demy 8vo, 6s.

An Introduction to the Study of Textile Design. A. F. BARKER, Head of the Department of Textile Industries, Bradford Technical College. Demy 8vo, 7s. 6d.
"Altogether it is careful and painstaking, and will be regarded as indispensable in

textile colleges, while for manufacturers it has a distinct value."—Bradford Telegraph.
"A thoroughly practical manual."—Scotsman.

† Ornamental Design for Woven Fabrics. By C. Stephenson, of the Technical College, Bradford; and F. SUDDARDS, of the Yorkshire College, Leeds. With 65 full-page Plates. Third Edition. Demy 8vo, 7s. 6d.

Manual Training Drawing (Woodwork). Its Principles and Application, with Solutions to Examination Questions, 1892-1905. Orthographic, Isometric, and Oblique Projection. By F. STURCH, Staff Instructor to the Surrey County Council. 50 Plates and 140 Diagrams. Imperial 4to, 5s. net.

THE BEGINNER'S BOOKS

EDITED BY W. WILLIAMSON, B.A., F.R.S.L.

A series of elementary class books for beginners of seven to twelve years, or thereabouts. They are adapted to the needs of preparatory schools, and are suitable for the use of candidates preparing for the Oxford and Cambridge Preliminary Local and the College of Preceptors Examinations. The series will be especially useful to lead up to Methuen's Junior School Books. The author of each book has had considerable experience in teaching the subject, while special attention has been paid to the arrangement of the type and matter, which is as clear and concise as possible. The books are beautifully printed and strongly bound, and are issued at one shilling each.

Easy Dictation and Spelling. By W. WILLIAMSON, B.A. Fifth Edition. Fcap. 8vo, 1s.

Easy Exercises in Arithmetic: Containing 5000 Examples. By W. S. Beard. Fcap. 8vo. Without Answers, 1s.; with Answers, 1s. 3d.

Easy French Rhymes. By HENRY BLOUET. Illustrated. Fcap. 8vo, is.

Easy Stories from English History. By E. M. WILMOT-BUXTON, Author of "Makers of Europe." Crown 8vo, 1s.

The Beginner's Poetry Book. By W. WILLIAMSON, B.A. Fcap. 8vo, 1s.

CLASSICAL TRANSLATIONS

EDITED BY H. F. FOX, M.A., FELLOW AND TUTOR OF BRASENOSE COLLEGE, OXFORD.

Crown 8vo.

A series of Translations from the Greek and Latin Classics. The Publishers have enlisted the services of some of the best Oxford and Cambridge Scholars, and it is their intention that the series shall be distinguished by literary excellence as well as by scholarly accuracy.

Æschylus—Agamemnon, Chöephoroe, Eumenides. Translated by Lewis Campbell, LL.D. 5s.

Cicero—De Oratore I. Translated by E. N. P. Moor, M.A. 3s. 6d.

Cicero—Select Orations (Pro Milone, Pro Mureno, Philippic II., in Catilinam). Translated by H. E. D. BLAKISTON, M.A. 5s.

Cicero—De Natura Deorum. Translated by F. Brooks, M.A. 3s. 6d.

Cicero—De Officiis. Translated by G. B. GARDINER, M.A. 2s. 6d.

Horace—The Odes and Epodes. Translated by A. D. Godley, M.A. 2s.

Lucian—Six Dialogues (Nigrinus, Icaro-Menippus, The Cock, The Ship, The Parasite, The Lover of Falsehood). Translated by S. T. IRWIN, M.A. 3s. 6d.

Sophocles—Electra and Ajax. Translated by E. D. A. Mors-HEAD, M.A. 2s. 6d.

Tacitus—Agricola and Germania. Translated by R. B. Townshend. 2s. 6d.

The Satires of Juvenal. Translated by S. G. OWEN. 2s. 6d.

METHUEN'S COMMERCIAL SERIES EDITED BY H. DE B. GIBBINS, LITT.D., M.A.

Crown Svo.

A series intended to assist students and young men preparing for a commercial career, by supplying useful handbooks of a clear and practical character, dealing with those subjects which are absolutely essential in the business life.

Commercial Education in Theory and Practice. By E. E. Whitfield, M.A. 5s.

E. E. WHITFIELD, M.A. 5s.

An introduction to Methuen's Commercial Series treating the question of Commercial Education fully from both the point of view of the teacher and of the parent.

British Commerce and Colonies from Elizabeth to Victoria. By H. DE B. GIBBINS, Litt.D., M.A. Third

Edition. 2s.

Commercial Examination Papers. By H. DE B. GIBBINS, Litt.D., M.A. 1s. 6d.

The Economics of Commerce. By H. DE B. GIBBINS, Litt.D., M.A. Second Edition. 1s. 6d.

A German Commercial Reader. By S. E. BALLY. With Vocabulary. 2s.

A Commercial Geography of the British Empire. By L. W. Lyde, M.A. Fourth Edition. 2s.

A Commercial Geography of Foreign Nations. By F. C. Boon, B.A. 2s.

A Primer of Business. By S. Jackson, M.A. Third Edition. 1s. 6d.

Commercial Arithmetic. By F. G. TAYLOR, M.A. Fourth Edition. 18. 6d.

French Commercial Correspondence. By S. E. Bally. With Vocabulary. Third Edition. 2s.

German Commercial Correspondence. By S. E. Bally. With Vocabulary. 2s. 6d.

A French Commercial Reader. By S. E. Bally. With Vocabulary. Second Edition. 2s.

Precis Writing and Office Correspondence. By E. E. Whitfield, M.A. Second Edition. 2s.

A Guide to Professions and Business. By H. Jones. 1s. 6d. The Principles of Book-keeping by Double Entry. By J. E. B. M'ALLEN, M.A. 2s.

Commercial Law. By W. Douglas Edwards. Second Edition. 2s.

JUNIOR EXAMINATION SERIES EDITED BY A. M. M. STEDMAN, M.A.

Fcap. 8vo, 1s.

This series is intended to lead up to the School Examination Series, and is intended for the use of teachers and students, to supply material for the former and practice for the latter. The papers are carefully graduated, cover the whole of the subject usually taught, and are intended to form part of the ordinary class work. They may be used vivê voce or as a written examination.

Junior French Examination Papers. By F. Jacob, M.A. Junior Latin Examination Papers. By C. G. Botting, B.A. Fourth Edition.

Junior English Examination Papers. By W. WILLIAMson, M.A. Junior Arithmetic Examination Papers. By W. S. BEARD. Second Edition.

Junior Algebra Examination Papers. By S. W. FINN, M.A. Junior Greek Examination Papers. By T. C. WEATHER-HEAD, M.A.

Junior General Information Examination Papers. By

W. S. Beard. *Key, 3s. 6d. net. Junior Geography Examination Papers. By W. G. BAKER, M.A.

Junior German Examination Papers. By A. Voegelin,

METHUEN'S JUNIOR SCHOOL BOOKS

EDITED BY O. D. INSKIP, LL.D., AND W. WILLIAMSON, B.A.

A series of school class books. They are adapted to the needs of the lower and middle forms of the Public Schools, and are suitable for the use of candidates preparing for the Oxford and Cambridge Junior Local Examinations.

Each volume is the work of a Master who has had considerable experience in teaching his subject; while special attention has been paid to the arrangement of the type and matter, which is as clear and concise as possible. The books contain numerous examination papers, and where the subject requires it are fully illustrated. In scholarship, in excellence of printing and lowness of price, this series will be found inferior to no other.

A Class-Book of Dictation Passages. By W. WILLIAM-SON, B.A. Eleventh Edition. Crown 8vo, 1s. 6d.

The Gospel according to St. Matthew. Edited by E. Wilton South, M.A. With Three Maps. Crown 8vo, is. 6d.

The Gospel according to St. Mark. Edited by A. E. RUBIE, D.D. With Three Maps. Crown 8vo, 1s. 6d.

A Junior English Grammar. By W. WILLIAMSON, B.A. With numerous passages for Parsing and Analysis, and a chapter on Essay Writing. Third Edition. Crown 8vo, 2s.

A Junior Chemistry. By E. A. TYLER, B.A., F.C.S. With 78 Illustrations. Third Edition. Crown 8vo, 2s. 6d.

The Acts of the Apostles. Edited by A. E. RUBIE, D.D. Crown 8vo. 2s.

A Junior French Grammar. By L. A. SORNET and M. J. ACATOS. Crown 8vo, 2s.

Elementary Experimental Science.—Physics, by W. T. Clough, A.R.C.S. Chemistry, by A. E. Dunstan, B.Sc. With 2 Plates and 154 Diagrams. Third Edition, Revised. Crown 8vo, 2s. 6d.

A Junior Geometry. By Noel S. Lydon. With 239 Diagrams. Second Edition, Revised. Crown 8vo, 2s.

*A Junior Magnetism and Electricity. By W. T. CLOUGH. With many Illustrations. Crown 8vo.

Elementary Experimental Chemistry. By A. E. Dunstan, B.Sc. With 4 Plates and 109 Diagrams. Crown 8vo, 2s.

A Junior French Prose. By R. R. N. BARON, M.A. Crown 8vo, 2s.

The Gospel according to St. Luke. With an Introduction and Notes by WILLIAM WILLIAMSON, B.A. With Three Maps. Crown 8vo, 2s.

SCHOOL EXAMINATION SERIES

EDITED BY A. M. M. STEDMAN, M.A.

Crown 8vo, 2s. 6d.

French Examination Papers. By A. M. M. Stedman, M.A. Thirteenth Edition.

A Key, issued to Tutors and Private Students only, to be had on application to the Publishers. Fifth Edition. Crown 8vo, 6s. net.

Latin Examination Papers. By A. M. M. STEDMAN, M.A. Twelfth Edition.

Key (Fourth Edition), issued as above, 6s. net.

Greek Examination Papers. By A. M. M. STEDMAN, M.A. Eighth Edition.

Key (Third Edition), issued as above, 6s. net.

German Examination Papers. By R. J. Morich. Sixth Edition.

Key (Third Edition), issued as above, 6s. net.

History and Geography Examination Papers. By C. H. SPENCE, M.A. Third Edition.

Physics Examination Papers. By R. E. Steel, M.A.

General Knowledge Examination Papers. By A. M. M. STEDMAN, M.A. Fifth Edition.

Key (Third Edition), issued as above, 7s. net.

Examination Papers in English History. By J. TAIT PLOWDEN-WARDLAW, B.A.

TEXT-BOOKS OF TECHNOLOGY AND SCIENCE

EDITED BY G. F. GOODCHILD, M.A., B.Sc., AND G. R. MILLS, M.A. Fully Illustrated.

How to Make a Dress. By J. A. E. Wood. Third Edition. Crown 8vo, 1s. 6d.

Carpentry and Joinery. By F. C. Webber. Fourth Edition. Crown 8vo, 3s. 6d.

Practical Mechanics. By SIDNEY H. WELLS. Third Edition. Crown 8vo, 3s. 6d.

Practical Physics. By H. STROUD, D.Sc., M.A. Crown &vo, 3s. 6d.

Millinery, Theoretical and Practical. By CLARE HILL. Second Edition. Crown 8vo, 2s.

Practical Chemistry. Part I. By W. FRENCH, M.A. Third

Edition. Crown 8vo, 1s. 6d.

Practical Chemistry. Part II. By W. French, M.A., and T. H. BOARDMAN, M.A. Crown 8vo, 1s. 6d.

Technical Arithmetic and Geometry. By C. T. MILLIS, M.I.M.E. Crown 8vo, 3s. 6d.

An Introduction to the Study of Textile Design. By

Aldred F. Barker. Demy 8vo, 7s. 6d. Builders' Quantities. By H. C. Grubb. Crown 8vo, 4s. 6d.

Repoussé Metal Work. By A. C. HORTH. Crown 8vo, 2s. 6d. Examples in Physics. By C. E. JACKSON, B.A. Crown 8vo, 2s. 6d.