

Grade B.—John T. Bowerman, Donald Marshall, Geo. E. Phoenix, Richard Shepherd, Lafayette Welch.

Grade C.—Alfred T. Day, Thomas Dunsmore, Thomas Fraser, F. Lamoreaux, Alex. A. McTavish, Freeman H. Moyer, Wm. Rittenhouse, John W. Scott, James Winterborn, S. C. Woodworth.

REVIEWS.

THE STUDY OF ROCKS. By Frank Rulley, F.G.S. Longmans, Green & Co. This is another volume of the excellent *Text-Books-of-Science* series issued by Longmans. The work is eminently adapted for the guidance of students of Petrology. It is divided into two parts: (1) The Rudiments of Petrology, (2) Descriptive Petrology. The arrangement of the matter is good, and the facts presented with clearness and precision. We recommend it to teachers and students.

MANUALS FOR TEACHERS. No. 2, *The Cultivation of the Memory*; No. 3, *On the Use of Words*. Philadelphia: Eldredge & Bro. 50c. Messrs. Eldredge & Bro. are republishing a series of five admirable manuals which were originally issued in England, at the request of the Literature Committee of the National Educational Society. When completed they will form a valuable addition to a teacher's library. The books are beautifully executed, the matter is written in a philosophical style, and arranged in a most systematic manner.

SUMMER AND ITS DISEASES. Philadelphia: Lindsay & Blakiston; Toronto: Messrs. Hart & Rawlinson. This is No. 3 of the American Health Primers. It gives very plain directions in relation to the proper means for avoiding summer diseases, and treating them when necessary. The hygienic rules are simple and excellent. The chapters on Sunstroke and Heat Fever; Summer Diarrhoea and Dysentery; Cholera Infantum; Summer Colds and Hay Asthma; and The Skin in Summer, are especially good. The rules for the treatment of infants, the preparation of their food, &c., are exceedingly valuable.

RHETORICAL METHOD. St. Louis: G. J. Jones & Co. 75c. This book has been prepared for advanced classes. There is probably no subject taught so unsystematically in schools as composition. This work is clearer in its arrangement and better adapted to school work than any we have yet seen. Prof. Northrop, of Yale College, says: "It is really surprising how much has been put into these one hundred pages."

MONTEITH'S EASY LESSONS IN POPULAR SCIENCE. New York: A. S. Barnes & Co. This is an easy introduction to the most striking natural phenomena of the earth. They are grouped around Geography as a central study. The illustrations are all excellent, but by far the most valuable are the black-board illustrations. They are drawn in white on black, and are very suggestive and simple.

ELEMENTS OF ENGLISH ETYMOLOGY. By James W. Connor, B.A. Toronto: Wm. Warwick. This treatise has been prepared at the request of the Education Department, and is authorised for use in Ontario. It fills a place in the list of Text-books which was heretofore vacant, or worse than vacant.

OUTLINES OF THE WORLD'S HISTORY. By William Swinton. New York: Ivison, Blakeman, Taylor & Co. Professor Swinton is already well known in Canada as an author of school books. His marked characteristics in the preparation of his books are breadth of grasp, and clearness and simplicity of arrangement. The history is one of his best works. It examines and outlines the history of the world with a special view to the civilization and progress of mankind. It asks what each nation has contributed to the general growth, and briefly answers the question. It traces the growth regularly from the beginning, but preserves the connection between races and empires all the way through. It does not give a history of a number of separate countries, but a bird's eye view of the history of the world as a whole.

WEBB'S MANUAL OF ETYMOLOGY. Philadelphia; Eldredge & Bro. \$1.00. While it is not to be expected that this work should be placed in the hands of the pupils in the Canadian schools to supersede that now in use, there is no doubt that teachers and advanced students who are especially interested in the critical study of the English language will be interested and profited by a perusal of its pages. The arrangement of the book is not novel, but is simple and practical.

MAGAZINES.

THE CONTEMPORARY REVIEW (Strahan & Co., Paternoster Row, London, Eng.) for August has been received. The contents are: "The Religious Condition of Germany," "Cheap Justice," "An American Divine," "The Classical Controversy: its Present Aspect" (by Prof. Bain), "Indian Religious Thought," "The Progress of Education in England," "Conspiracies in Russia," "Intemperance and the Licensing System," "Contemporary Life and Thought in France," Review of Contemporary Books on Classical Literature, Literature of the Middle Ages, and Science. It is an excellent number.

THE EDINBURGH REVIEW for July is a very readable number. It contains "Canon Stubbs' Constitutional History of England," "The Worthies of Norwich," "Brugsche's Egypt under the Pharaohs," "The Hatton Papers," "The Works of Rembrandt," "The Scots of Buccleuch," "The Fallacies of Evolution," "Rural England," "A Brief Retrospect."

No 1, Vol. II, of the **AMERICAN JOURNAL OF MATHEMATICS** has been received. This journal is published under the auspices of the John Hopkins University, and is devoted chiefly to advanced mathematics. The editors and contributors are beyond doubt among the foremost mathematicians of the age; and every student of mathematics cannot fail to be interested and instructed by their contributions. We have not time to notice in detail the valuable discussions contained in the number before us. It is perhaps enough to say that there are articles by Prof. J. J. Sylvester (the editor-in-chief), Prof. Cayley, Prof. Halsted, and other distinguished mathematicians. The subscription price is \$5.00 per volume; single numbers, \$1.50. Address Prof. W. E. Story, John Hopkins University, Baltimore, Md.

The May-June number of **THE WESTERN** has come to hand. As usual, it furnishes an excellent "bill of fare." It contains among other valuable articles, "Analysis of the Nibelungen," "The Method of Studying Social Science" (by Dr. Harris), "To Ruin is not to Reform" (an excellent address delivered before the Teachers' Association of St. Louis by L. Soldau), and "The Orient under the Caliphs."

BLACKWOOD'S MAGAZINE, August, contains parts of two serials, Notes from Cyprus, Stock Jobbing and the Stock Exchange, St. Neot's in Cornwall, India and the Silver Question, and Contemporary Literature.

POPULAR SCIENCE MONTHLY: D. Appleton & Co., New York. Contents for September: Spiritualism as a Scientific Question, by Professor Wilhelm Wundt; Geographical Evolution, II, by Archibald Geikie, F.R.S.; Serpent-Charm, by Felix L. Oswald, M.D.; Novelty in Patents, by Oliver E. Lyman; Development of the House-Fly, by M. H. Robson (illustrated); Food and Feeding, III, by Sir Henry Thompson; A Remarkable Coincidence, Letter from Dr. Geo. M. Beard; The Classical Controversy, its Present Aspect, by Professor Alexander Bain; The Vanilla-Plant, by J. Poisson (illustrated); Chloral and other Narcotics, II, by Dr. B. W. Richardson, F.R.S.; Spontaneous and Imitative Crime, by E. Vale Blako; Materialism and its Lessons, by Dr. Henry Maudsley; The Birth, Life, and Death of a Storm, by Robert H. Scott, M.A., F.R.S.; Biographical Notice of George F. Barker (Portrait).

THE ATLANTIC MONTHLY. Houghton, Osgood & Co., Boston. Three good Poems, Songs and Eccentricities of Birds; a Tennysonian Retrospect; The Use of Numbers in Society, Nobility and Gentry, by Richard Grant White, and A Word to Philosophers, form the most interesting portions of this standard monthly for September.

The contents of **APPLETON'S JOURNAL** for September are as follows: Vivian the Beauty, by Mrs. Annie Edwardes, author of Archie Lovell, Ought we to Visit Her? etc., Chapters I. to III.; French and English Pictures; A Venetian Night, by Charlotte Adams; How to popularize Wordsworth; the Seamy Side, a novel, by Walter Besant and James Rice, Chapters XIII. to XV.; The Souvenirs of Madame Vigee Le Brun, An Hour with Thackeray, by John Estlin Cooke; The Critic on the Hearth, by James Payn; Russian Conspiracies, II, by Karl Blind; A Novelist of the Day. The Editor's Table contains: About Melancholy again; The Poetry of the Familiar; The Honors to the Prince Imperial. Books of the Day. Tennyson's *The Lover's Tale*; Mallock's *Is Life worth Living?* Froude's *Cæsar*, Blaikie's *How to Get Strong, and How to Stay So*; Robinson's *The Great Fur Land*; Alexander's *Maid, Wife or Widow?* Nichol's *English Composition*; Stockton's *Rudder Grange*; Cable's *Old Creole Days*; Green's *History of the English People*; Couture's *Conversations on Art Methods*; Hume's *History of England*, etc.

ST. NICHOLAS, by Scribner & Co., New York, and **PEEP SHOW**, by Strahan & Co., London, are the most wonderful magazines published. They probably bring more delight to their juvenile readers than any others do to those for whom they are intended. True stories, fairy tales, pretty pictures, pleasant poems, etc., form a rare treat for old and young.

HARPER'S MONTHLY, September, contains Fifty Years of American Art, No. II.; The King Collection of Engraved Gems; The Navasink Highlands; An Industrial Society and its Work; Gold Mining in Georgia; three fine stories; a large instalment of Young Mrs. Jardine, a very excellent novel; a sweet poem, My Mariner, and the usual amount of editorial wisdom and fun.

—Managers have their rights as well as the teachers. When an engagement has been made it should be faithfully fulfilled, and there should be mutual consent before its terms are altered.