

THE STORY OF A SCHOOL" is the simple title of an article by the late Prof. James Johonnot, to appear in the February *Popular Science Monthly*. It is an account of the remarkable success achieved in conducting a normal school according to natural methods, arranging the subjects of study in their order of dependence, teaching science by observation, language by using language, mental and moral philosophy objectively without books, and with no marking system, rules of discipline, or distinctive religious exercises.

BOOK REVIEWS.

We are indebted to Prof. A. B. Seymour, of Harvard University, for the report of the Section of Vegetable Pathology for 1887, and Bulletin No. 7, both from the Department of Agriculture, Washington. Both contain valuable illustrated articles, descriptive of fungi injurious to vegetation.

MANUAL TRAINING, No. 1.—Thompson. D. C. Heath & Co., Boston, New York & Chicago. Every teacher having primary pupils should have this little work. It is altogether practical, and just what is required to lead the teacher.

AN ILLUSTRATED PRIMER. By Sarah Fuller, Principal of the Horace Mann School for the Deaf. D. C. Heath & Co., 1888. This little volume of some 100 pages contains several hundred outline drawings, illustrating words and sentences. It was prepared specially for the use of the deaf; but we have found it most interesting and useful as a general primer. It also serves as a capital guide for outline drawing of the most familiar objects, and is also a fascinating and valuable book for the tyro reader.

EARLY TRAINING OF CHILDREN. By Mrs. Frank Malleson. Boston: D. C. Heath & Co., 1887. A volume of some 120 pages. It is well printed in large clear type. The subject is plainly and forcibly treated. Mothers, nurses and all having the control of young children, will find the work very suggestive.

HISTORIETTES MODERNES, by C. Fontaine, B. L., L. D., Professor of French, Washington, D. C. Publishers: D. C. Heath & Co., Boston. This is a collection of interesting stories and sketches, accompanied with notes, well adapted to familiarize young students with modern French literature.

METHODS OF TEACHING ARITHMETIC IN PRIMARY SCHOOLS, by Larkin Dunton, LL. D., Head Master of the Boston Normal School. Boston: Eastern Educational Bureau, 1888, pp. 165. Sent by mail for \$1.00. This work seems admirably adapted for laying an excellent foundation in arithmetic. Any child that does the work indicated by this book will learn numbers first, and then figures as the signs of the numbers. The subject matter is broken up into easy stages; first, numbers from one to ten, then from one to twenty, one to one hundred, one to a thousand, and higher numbers. The explanations of the fundamental processes of arithmetic, notation, addition, subtraction, multiplication,

and division are clear and complete. Every possible operation and combination of numbers from one to ten, ten to twenty, twenty to one hundred, are here given. The systematic development of numbers has not heretofore been fully given in English. This work covers that ground. Whoever takes a class over the line of instruction indicated in this book will give a thorough course in number work. The book is beautifully printed on fine paper and is tastefully bound.

BOOKS RECEIVED.

ALLEN & GREENOUGH'S LATIN GRAMMAR, revised and enlarged. Boston, Mass., and London: Ginn & Co., 1889.

TESTA: A Book for Boys. Published by D. C. Heath & Co., Boston.

EXCHANGES.

The *Century* for January contains a very thoughtful and timely article in its Topics of the Times on "Annexation or Federation?" suggested by the article of Mr. Geo. R. Parkin in the December number. The *Century* begins the new year well, its illustrations being especially noteworthy.... *St. Nicholas* for January is a fine number and ranks well with its many beautiful predecessors.... *The Scientific American*, referred to in another column, is the very best publication in this country for those interested in science, engineering, mechanics, inventions, etc.... The *Popular Science Monthly* for January has, among other excellent articles, two timely ones on educational topics, "The Sacrifice of Education," and an editorial on the "Abuse of Examinations".... The readers of the *Illustrated London News* were delighted beyond measure by its elegantly finished Christmas number.... The *Sackville Argosy* and *Fordham Monthly* (N. Y.) published beautiful Christmas numbers.... *Garden and Forest* (D. A. Munro, publisher, New York) began its second volume Jan. 2d. Some of the interesting and important features of this new volume will be a series of articles upon the elements of "Vegetable Physiology," by Dr. G. L. Goodale of Harvard; by Prof. Sargent, a series of articles on the "Native Trees of North America," with others of the greatest value to students of nature.... *Science* (M. D. C. Hodges, publisher, N. Y.) of Dec. 28th contained 20 pages, with map supplement. This excellent weekly, containing a review of science, art, education, may be had for \$3.50 per annum.... The *New York School Journal* contains in its last December issue a splendidly illustrated description of the great Pratt Institute, Brooklyn, New York, showing the main building, the free library, free reading room, the foundry, the trades room, the machine shop, the smith's shop, the school of art, dress-making, cooking, millinery, the museum, etc.... *Volapuk*, 150 Washington Street, Boston, Mass., is just the periodical required for the young student in Volapuk.... The January number of *Wide Awake* is a second beautiful holiday number. The serial stories and other bright stories are all very charming.... We have received the first number of *School Work and Play*, a semi-monthly Canadian children's paper, published by the Grip Publishing Company, Toronto. It is excellently printed and illustrated. Only 50 cents a year.... The *January Bookmart* (Pittsburg, Pa.) is a fine number of an excellent literary magazine.