

MAGNETISM AND ELECTRICITY. An Elementary Treatise for Junior Students, Descriptive and Experimental. By J. Paley Torke. London: Edwin Arnold. 1899. 16mo. Pp. 264. Price \$1.40.

The author notes clearly the fundamental facts and laws of magnetism and electricity. The explanations are lucid, and the illustrations have a freshness not usually seen in text books. It will probably be largely adopted in schools.

NATURE STUDY FOR GRAMMAR GRADES. A Manual for Teachers and Pupils Below the High School in the Study of Nature. By Wilbur S. Jackman, A.B. New York: The Macmillan Company. 1899. 12mo. Pp. 407. Price \$1.

Nature study is one of the most interesting developments of modern education, and the volume before us is admirably adapted to assist teachers in preparing experiments and questions. That pupils need some rational and definite direction in nature studies is now agreed, but to prepare outlines in suggested directions necessary so as to place them within the reach of each pupil is more than the ordinary teacher has time to do, but the volume before us has admirably filled this gap in the literature of the subject. Such subjects as botany, mineralogy, astronomy, natural philosophy, etc., are taken up.

ELECTRIC POWER TRANSMISSION. By Louis Bell, Ph.D. New York: Electrical World and Engineer, Inc. 1899. 8vo. Pp. 505. Price \$2.50.

A thoroughly practical treatise for practical men and is adequately illustrated. It is the best book on the subject we have seen and fills a field which has not been adequately covered before. Modern electrical practice moves so quickly that treatises on the subject are rapidly rendered useless, and for this reason an up-to-date book has been needed.

INDUCTIVE GEOMETRY. By Col. C. W. Fowler. Published by the author at Louisville, Ky. 1899. 18mo. Pp. 55.

THE SUCCESSFUL MAN OF BUSINESS. By Benjamin Wood. New York: Brentano. 1899. 16mo. Pp. 208.

There can never be too many books of the present nature, dealing with success in business life, though in the majority of cases it will be found that those who have actually achieved success do not write books of this kind, but the author's intention is undoubtedly good, and they are worthy of considerable circulation. It is true that business men frequently write books, but they are nearly always upon some subject far removed from their immediate source of livelihood. The author deals with the subject from an eminently practical standpoint.

A DIVIDEND TO LABOR. A Study of Employers' Welfare Institutions. By Nicholas Paine Gilman. Boston: Houghton, Mifflin & Company. 1899. 12mo. Pp. 400. Price \$1.50.

This volume deals with a subject which in the near future is certainly destined to be one of the most important of the economic problems. A thorough understanding of the principles outlined in this book would tend to cause capital and labor to unite on a substantial basis and to prevent those most unfortunate of economic revolutions—strikes. The author discusses the modern employer, welfare institutions in Germany, patronal institutions in France, patronages in Holland and Belgium, profit sharing, etc. It contains abundant food for thought.

AMERICAN SOAPS. A Complete Treatise on the Manufacture of Soaps, with Special Reference to American Conditions and Practice. Dr. Henry Gathman, Editor of the American Soap Journal. New York: Published by the author. 1899. 8vo. Pp. 461. Price \$15.

The first edition of "American Soaps" appeared in print seven years ago and was well received, and since that time the author has continually collected all the available new information that could assist in making a later edition of the book more complete, and the author has had the benefit of the experience of many of the original purchasers of the book. There is an extensive literature upon soap making, but most of them are adapted from foreign practice or deal with antiquated methods. The present book cannot be placed in this category. It is an excellent contribution to technical literature by a man who thoroughly understands modern American soap making and it is in no sense a compilation. To those who are looking for a thoroughly practical book on soap making of all kinds, with special reference to modern practice, we can heartily recommend this book. It is freely illustrated, and the number of formulas for soaps of various kinds is large. The section devoted to the actual processes used in the manufacture of soaps of all kinds occupies three-quarters of the volume. It is an admirable book.