

HOW TO THINK IN GERMAN. By Charles F. Kroeh, A.M., Professor of Languages in the Stevens Institute of Technology. Hoboken, N. J. : Published by the author.

The fundamental idea is the same as in "How to Think in French" by the same author. The learner associates with his own actions day after day, as he performs them, the correct German sentences that describe them. No English comes between him and what he wishes to say in German. Then he is taught to vary the sentences according to the genius of the language. They serve as patterns or formulas of speech in which he gradually substitutes the rest of his vocabulary. Finally he connects sentences together in all possible ways. All the grammatical difficulties of German (the declensions, the order of words, the command of verb form, indirect discourse, etc.) are taught practically in an entirely original way, by which the learner gradually emancipates himself from his dependence on English for the expression of his thoughts. Especial attention is called to the chapter on reading for a speaking vocabulary and on learning short stories. As a practical book to aid in quickly acquiring the power of correct and fluent speaking of the German language, this work has no equal. Every learner should procure it. Professor Kroeh is one of the ablest of instructors and this book is the concrete result of many years of active experience in his profession.

UNIVERSAL BIMETALLISM AND AN INTERNATIONAL MONETARY CLEARING HOUSE, TOGETHER WITH A RECORD OF THE WORLD'S MONEY, STATISTICS OF GOLD AND SILVER, ETC. By Richard P. Rothwell. New York: The Scientific Publishing Company. 1893. Pp. 53. Price 75 cents.

Coming from the editor of the leading mining journal of the United States, the above work is a plea for the continuation of silver coinage. The author believes that the problem with which the United States is now confronted could be solved by an international system of bimetallism. An immense amount of labor is indicated by the statistics and data contained in the text and tables. One interesting feature is a chronology of the gold and silver industry for the last 450 years. It is not, of course, quite up to date, owing to recent events in British India and in this country, and quite possibly within the next few months may fall in chronicling some very important changes.

BRITISH LOCOMOTIVES, THEIR HISTORY, CONSTRUCTION, AND MODERN DEVELOPMENT. By C. J. Bowen Cooke. With numerous illustrations from sketches and diagrams by C. E. Jones and R. A. McLellan. London: Whittaker & Co. 1893. Pp. xvi, 381. Price \$2.

The American railroad engineer has become fully awakened to the value of several details of English locomotive practice. From the work under review numerous illustrations, in addition to the text, excellently present the field described. It is written, of course, entirely from the English standpoint. The chapters on the running of engines, touching on the duties of the crews, lubrication, packing and other details, giving the English practice, will be of special interest to our engineers.

MISSOURI STATE MEDICAL DIRECTORY. Containing a carefully prepared list of physicians, dentists, and druggists, together with colleges, hospitals, medical associations and societies throughout the State. St. Louis and Chicago: The Medical Fortnightly Press. 1893. Pp. 110.

ESTIMATE BLANKS FOR STEAM AND HOT WATER FITTERS. Adapted more particularly for dwellings and apartment houses, small stores, and general low pressure work by either steam or hot water. New York City: Nason Manufacturing Co. Pp. 100. Price \$1.50.

This excellent series of blanks, dedicated to the steam and hot water warming fraternity, will be found very useful for contractors. It consists of a series of two pages of a repeated blank, containing the titles of the different measurements to be taken and noted and other particulars referring to the heating of dwellings. It is, without question, something which, for those engaged in such a business on an extensive scale, would not only conduce to the saving of a great deal of clerical labor but would also tend greatly to the accuracy of the labor with which such work must be done.

PALLISER'S COMMON SENSE SCHOOL ARCHITECTURE, ILLUSTRATING THE PRACTICAL AND ECONOMICAL WARMING AND VENTILATION AND THE CORRECT PLANNING, ARRANGEMENT AND SANITARY CONSTRUCTION OF SCHOOL BUILDINGS FOR AMERICAN CITIES, TOWNS AND VILLAGES. By Palliser, Palliser & Co., architects. New York: J. S. Ogilvie. Pp. 110. Price \$1.

In this series of illustrations of school houses, for the book is little more than that, we find indicated a strongly accentuated departure from the old system of plain and unattractive school buildings. The variety of structure exhibited in this volume is quite striking, and for many of the plans quite elaborate specifications are given. The elevations and perspectives are in many cases very artistic. There is a certain amount of text on general topics in the line of the work, other than specifications.

DAS ATELIER UND LABORATORIUM DES PHOTOGRAPHEN. By Dr. Josef Maria Eder, Director of the Imperial Institute for Photography, etc. Halle a. S., Germany: Wilhelm Knapp. 1893. 325 engravings. Pp. 172.

The book forms a supplementary volume to the Handbuch der Photographie by the same author, and treats in

a very exhaustive manner on the special construction and arrangement of photographers' studios, their dark rooms, washing arrangements, etc., and other furnishings and utensils necessary for proper working. Portable dark rooms, such as tents, wagons, developing hoods, etc., are also described and illustrated. A chapter on printing, and finishing concludes the interesting book.

PHOTOGRAPHISCHES TASCHEN LEXIKON.
By Dr. Julius Schnauss. Halle a. S.,
Germany: Wilhelm Knapp. 1893.
Pp. 157.

This valuable pocket dictionary gives the technical terms used in photography in German, English, French, and Latin. The explanation of the terms is in German, is concise and correct. The vocabulary contains the terms in English-German, French-German, and Latin-German.

THE BOOK OF THE FAIR. Chicago and
San Francisco: Bancroft & Co.

Those who desire to crystallize their recollections of the Columbian Exposition will be interested in this publication, which, from an artistic point of view, is of a high order. The views are not confined to the beautiful exteriors of the buildings, nor to the classical splendor of the lagoons, but include the many art treasures, both sculptures and frescoes, and also many of the individual exhibits. The views are principally photographic "half tones" and the letterpress is bold and clean. This work is published in quarto folios, there being in all 25 parts, at \$1 each. Messrs. Rhule, Thomas & Co., 24 Park Place, New York City, are agents for this section.

AN ELEMENTARY TREATISE ON THEORETICAL MECHANICS. By Alexander Ziwet. New York: Macmillan & Co. 1893. 8vo. cloth. Pp. 181, 70 diagrams. Price \$2.25.

The present work owes its existence mainly to the difficulty of finding a good modern text book suited to the requirements of the American student. The author is assistant professor of mathematics in the University of Michigan, and his aim has been to produce a text book for use after the student has acquired a knowledge of the elements of the higher mathematics; so no attempt is made to treat the subject other than mathematically.

Any of the above books may be purchased through this office. Send for new book catalogue just published. MUNN & Co., 361 Broadway, New York.