

7. *Between War and Peace*: By Florence Brewer Boeckel. An excellent survey of the peace movement in all its phases. Chapter XXVI, "What You Can Do for Peace," is packed full of valuable material for teachers and others. The bibliography alone is worth the price of the book. Macmillan, \$2.00.
8. *Poems of the War and the Peace*: Compiled by S. A. Leonard. An admirable collection of classified poetry. Includes many poems difficult to find elsewhere. Excellent for peace programs. Suitable for high school. Harcourt, Brace. \$1.35.
9. *Prince of Peace Declamation Contests*: Prose selections used in the annual declamation, contests sponsored by the Ohio Council of Churches. Excellent material for school and other programs. Suitable for high school only. Address Ohio Council of Churches, Columbus, Ohio. Two volumes, 15c each.
10. *Peace Crusaders—Adventures in Good Will*: By Anna B. Griscom. A book of recitations and declarations. Address American Friends Service Committee, Philadelphia. \$1.50.
11. *World Library for Children*: Edited by Helene Scheu-Riesz of Vienna. Small, paper-bound volumes of famous children's stories of all nations. 10c a volume; complete set of 34 in a case, \$3.75. Address New Education Fellowship, 11 Tavistock Square, London, England.
12. *Never Again*: A group of stories reprinted from *Everyland Magazine*. Excellent for retelling and dramatization. Everyland Press, West Medford, Boston, Mass. \$1.50.
13. *Folk Songs of Many Peoples*: Printed in two volumes. Vol. I, \$2.75; Vol. II, \$3.50. Also printed in sections at 75c each. *Words without the Music*, 15c. Address Woman's Press, 600 Lexington Ave., N. Y.
14. *Education in Worldmindedness*: By Rachel Davis Du Bois. Two valuable pamphlets presenting in detail two series of high school assembly programs. Given in Woodbury, N. J., from 1926 to 1928. The first series is based on the contributions of various racial elements to our American life; the second series, on the relation between our various school subjects and the development of worldmindedness. Both pamphlets are richly suggestive and furnish much material for school programs. Suitable for high schools. Address Women's International League for Peace and Freedom, 79 Halsey St., Newark, N. J. 15c each.
15. *Books for Children*: By Clara Whitehill Hunt. A list of 300 books for children younger and older—books of every possible kind of material about children round the world. This list has been prepared for the use of those who are sending Friendship Treasure Chests to the children of the Philippine Islands. (Project to end in 1930.) Write about the project and the book-list to the Committee on World Friendship Among Children, 289 4th Ave., New York City.

## THE READING TABLE

QUALITATIVE ANALYSIS. By C. J. Brockman. New York: Ginn and Company, 1930. Pp. 197.

Professor Brockman's scheme of qualitative analysis offers several different and advantageous methods of separating the groups of metallic ions. It has been a general practice for many years to use hydrogen sulfide in precipitating bivalent mercury, large amounts of lead, copper, bismuth, arsenic, antimony, tin, etc. However, the resulting sulfides of these metals readily changed upon exposure to air; thus it was imperative that once the precipitation was done, the analysis of the groups contained in the precipitate should be done without delay. The method presented in this book does not use the hydrogen sulfide method.

This volume is just off the press, and its scheme of analysis makes use of some of the recently discovered reactions in the field of analytical chemistry. In many instances organic compounds are used in testing for the presence of the metallic ions. These reactions are very sensitive as well as characteristic. H. G. P.

A GENERAL SCIENCE WORK BOOK. By Charles H. Lake, Louise E. Welton, and James C. Adell. New York: Silver, Burdett and Company. 1930. Pp. 346. \$1.40.

This is primarily a book of laboratory directions for the general science student. The laboratory problems are divided into 16 units, among them water and its uses, soil, building materials, and weather.

Each unit is introduced by a series of exploratory and overview questions. This modern device should prove as stimulating and clarifying to the student in the laboratory as it has proved for textbook study in the case of several recent texts.

Other advantages are given in this quotation from the preface: "Each unit is provided with objective tests so that it is an easy matter for the teacher to check the work of each pupil. This has been found to be an excellent device for securing a maximum accomplishment by the individual pupil. In addition the workbook furnishes an abundance of material for the fastest working pupils, and also an opportunity for selection of material adapted to those who require more time to accomplish the work of any particular problem or unit. It will be found that the lessons are particularly well adapted to any plan of individual instruction in which the varying abilities of pupils is taken into account."

The book contains selected references for reading and references to the best modern general science textbooks, also a list of words, (some are technical terms) for spelling and use. Altogether this book makes a very favorable impression on the reviewer. FRED C. MABEE

HOW IT WORKS. By Archibald Williams. New York: Thomas Nelson and Sons, Ltd. Thirtieth Edition—Revised. Pp. 495.

There is an increasing popular interest in the fundamental physical and chemical laws upon which our modern inventions are based. Many newspapers and periodicals are printing regularly information that is a great aid in popularizing science and that gives to the reader a deeper appreciation of the vast amount of pure scientific

research behind many labor-saving devices in common use. A notable example of this is the weekly department on "How Common Things Work" in the *Literary Digest*.

*How It Works* gives an interesting and comprehensive explanation of the underlying principles of the mechanisms met with in everyday life. The book contains mechanical devices in the field of steam, electricity, optics, hydromechanics, heat, and combinations of these with excellent explanations.

The author makes no effort to take up the discussion of each modern invention, or variation of the same invention, but gives in terms and language easily understood by the average reader the fundamental laws governing the operation of such machines.

This book is worthy of a place in the largest and in the most meager of libraries. H. G. P.

THE RADIO AMATEUR'S HANDBOOK. By A. Fredrick Collins. New York: Thomas Y. Crowell Company. Fifth Edition. Revised by George Baxter Rowe. Pp. 424.

The author of this useful and interesting book is the inventor of the wireless telephone in 1899; the revisor, Mr. Rowe, is assistant editor of the periodical, *Radio News*. Such a combination assures accurate information in the field of wireless telegraphy and wireless transmitting of sound.

This book, while written for the amateur who expects to construct wireless apparatus for sending and receiving, will interest many who own and operate the popular ready-built radio receiving sets.

A large glossary of terms peculiar to wireless is included in the book, also a summary of insurance laws and requirements. Radio Laws and Regulations of the United States are printed herein and a list of "Radio Dont's."

In concluding the volume, Mr. Rowe has written several pages concerning the more advanced improvements in the popular radio receiving sets upon the market today. H. G. P.

THE UNIVERSE AROUND US. By James Jean. New York: The Macmillan Co. 1929. Pp. 341. \$5.00.

For several years Sir James Jean has been giving popular lectures and radio talks on methods and results of modern astronomical research. These talks are here assembled.

From the opening chapter, an introduction to astronomy, until the closing page of the final chapter, "Beginnings and Endings," the book is highly interesting. It is written in simple language; it was the author's purpose to write the entire book for readers with no special scientific knowledge.

Some of the more modern theories concerning the structure of matter, space, and time, and radio-active substances are discussed. Bohr's Atom is explained, Einstein's theory of relativity; the differences of the cosmologies of Einstein and de Sitter are also discussed.

This book is indeed a very interesting and instructive work in the field of modern science. H. G. P.

THE EXTRA-CURRICULAR LIBRARY: ORGANIZATION AND ADMINISTRATION OF EXTRA-CURRICULAR ACTIVITIES. By C. V. Millard. HOME ROOMS, EVAN E. EVANS and MALCOLM S. HALLMAN. STUDENT PUBLICATIONS By Geo. C. Wells and

Wayde H. McCalister. ASSEMBLY PROGRAMS. By M. Channing Wagner. POINT SYSTEMS AND AWARDS. By Edgar C. Johnston. New York: A. S. Barnes and Co. 1930. \$1.00 each.

These are volumes three to seven in the Extra Curricular Library. They are of a size that can be slipped into a coat pocket, are flexible backed, and are attractively bound. They are written for the high school principal and teachers who are interested in carrying on and directing extra curricular activities. *Organization and Administration of Extra Curricular Activities* presents a careful study of the entire field of the subject; history, growth, and present status. *Home Rooms* offers many new ideas and suggestions regarding the organization, administration, and activities of home room groups. Many home room activities, projects, and programs are suggested. *Student Publication* directs attention to methods of organization, formation of staff, and its duties, and different types of publications, such as the newspaper, the annual, the handbook, and the magazine. *Assembly Programs* abounds in practical material for the proper organization, guidance, and correlation of assembly periods, and gives many suggestive programs. *Point Systems and Awards reports* a study of schools which have some plan for guiding, stimulating, or limiting pupil participation in extra curricular activities. This little series should be of invaluable aid to the young principal and has many suggestions for the more experienced. C. P. S.

ART IN DAILY ACTIVITIES. By James C. Boudreau and Harriett M. Cantrell. New York and Chicago: Mentzer-Bush Co. 1929. Pp. 47. 16 colored pp. Illustrated. 48 cents.

Of inestimable value to the thoughtful teacher who is endeavoring to develop real appreciation with pupils in the upper grades and the high school. The illustrations cover a wide range of daily surroundings, while the general and special activities suggested for much individual difference in pupil interests. Moreover, the book is priced within the range of grade pupils. It has received the hearty recommendation of art teachers all over this country, and of such leaders as Henry Turner Bailey and W. G. Whitford. Its use in our schools can do much to raise the level of taste, and of intelligence concerning art objects, a level which, by the way, will permit of much elevation. GRACE M. PALMER

PHYSIOGRAPHIC LABORATORY SHEETS. By Willard B. Nelson. New York: Globe Book Company. 1930. 46 sheets. Bound, list price 80 cents, class price 60 cents; looseleaf, list price 68 cents, class price 50 cents.

Forty-six exercises for high school physiography laboratory which are unusually desirable because of the well-worded directions for work to be done and questions to be answered. The type of questions prevents any yes-or-no answers. R. M. H.

## NEWS OF THE COLLEGE

Winning every game of its season, the H. T. C. basketball team decisively defeated Slippery Rock February 21, on their home floor by a score of 21-12, each member of