\$10.00. For students of psychology, zoology or physiology, pointing out how dependent these fields are on each other.

THE MAKERS OF HONEY-Mary Geisler Phillips—Crowell, 163 p., illus. with drawings by Elizabeth Burckmyer, \$2.50. Interesting information about the lives of bees.

MICKEY'S MAGNET-Franklyn M. Branley and Eleanor K. Vaughan—Crowell, illus., with drawings by Crockett Johnson, \$2.50. Telling young children of interesting experiments with a horseshoe magnet.

Nature's Guardians: Your Career in Conservation—Harry Edward Neal—Messner, 192 p., illus., \$3.50. A guide to the occupation of conservation for high-school students.

ORGANIZATION OF THE FEDERAL GOVERNMENT FOR SCIENTIFIC ACTIVITIES-John C. Honey and others-Govt. Printing Office, 349 p., illus., \$1.75. (See p. 184).

OUR AMERICAN TREES—Ruth H. Dudley— Crowell, 147 p., illus. with drawings by Nils Hogner, \$2.50. A descriptive book about the trees and forests of the United States, including an account of the biggest, smallest and other unusual trees.

THE PHYSICS OF THE IONOSPHERE: Report of the Physical Society Conference Held at the Cavendish Laboratory, Cambridge, Sept., 1954

—A. H. Waynick and others—The Physical Society, 406 p., illus., paper, \$6.00.

PROCESS CHEMISTRY—F. R. Bruce, J. M. Fletcher, H. H. Hyman and J. J. Katz, Eds.— McGraw-Hill, Progress in Nuclear Energy, Series III, 407 p., illus., \$12.00. Reference material for those actively engaged in the chemical aspects of atomic energy.

SELECTED BIBLIOGRAPHY ON BUILDING CON-STRUCTION AND MAINTENANCE-Edith R. Meggers-Govt. Printing Office, National Bureau of Standards Building Materials and Structures Report 140, 2d ed., 40 p., paper, 30 cents.

THE STORY OF CAVES-Dorothy Sterling-Doubleday, 121 p., illus with drawings by Winifred Lubell, \$3.00. Telling how caves are formed, what to see in them, the kinds of life they shelter, and archaeological evidences of prehistoric peoples to be found there.

THEIR MOTHERS' DAUGHTERS - Edward A. Strecker and Vincent T. Lathbury-Lippincott, 256 p., \$3.75. The author of "Their Mothers' Sons" here writes of daughters who may also be kept tied to mom's apron strings.

Science News Letter, September 22, 1956

MATH IS FU

By Joseph Degrazia, Ph.D.

Here is a treasury of brain-teasers. You need not be a mathematical genius to solve these problems and puzzles. What you need is to know how to THINK LOGICALLY—how to REASON. This is practically a "course" in applied logic and reasoning—besides being an immense amount of fun that will keep you absorbed for many hours. You will find not only that MATH IS FUN, but also that learning math can be fun!

moth can be funl
CONTENTS: Trifles—On the Borderline of Mathematics—Faded Documents—Cryptograms—How Old Are
Mary and Ann?—Wolf, Goat and Cabbage—and
Other Odd Coincidences—Clock Puzzles—Trouble Resulting from the Last Will and Testament—Speed
Puzzles — Railroad Shunting Problems — Agricultural
Problems—Shopping Puzzles—Whimsical Numbers—Playing with Squares—Miscellaneous Problems—Problems of Arrangement—Problems and Games—Solutions.

Many delightful and helpful illustrations Solutions where needed

Large Book • 159 Pages • 159 Hours of Fun \$2.75 Postfree • 5-Day Money-Back Guarantee

EMERSON BOOKS, INC.

Dept. 858-K, 251 W. 19th St., N. Y. 11

BIOCHEMISTRY

Drugs Tranquilize Fighting Fish

➤ SIAMESE FIGHTING FISH will not fight when under the influence of the tranquilizing drugs. When given reserpine and Meprobamate, they not only will not fight but retreat, usually backward. (See SNL, Sept. 15, p. 167.)

Given another tranquilizer, chlorpromazine, the fighting fish are quiet, not even swimming about, until attacked by other fish, whereupon they also refuse to fight and swim away.

Antihistaminic drugs make the fish turn pale and try to escape from other fish so violently they almost jump out of the tank.

Barbiturate sleeping drugs depress the fish, but they will fight when goaded. Morphine and aspirin excite them slightly and, under the influence of these two, the fish are very aggressive and fight.

The Siamese fighting fish studies, which suggest that these aquatic animals might be good guinea pigs for testing various drugs that affect the nervous system, are reported by Drs. E. J. Walaszek and L. G. Abood of the University of Illinois College of Medicine, Chicago, in Science (Sept. 7).

Science News Letter, September 22, 1956

NOW... you can buy the original

"American Industry"

Educational Hobby Kits GREATLY REDUCED **PRICES!**



These kits contain actual materials, equipment and instructions to enable boys and girls from 8 to 18 to learn more about electronics, optics, medicine, weather, gemology . . . to explore . . . experiment, build . . . and experience the thrill of success. Ideal for classroom instruction.

Endorsed by leading educators.

No. 71940 Electronics Kit—for experiments with radio, sound waves, electrons, radio building, etc...... Now only \$19.95 No. 71945 Medical Kit—contains instruments and supplies for emergency treatments, artificial respiration, etc.

Now only \$9.95

No. 71950 Rock Detective Kit—includes tools, specimens, charts for identifying rocks and mineralsNow only \$9.95

No. 71955 Optical Kit-materials for making telescopes, microscopes, bending light rays, etc......Now only \$14.95

No. 71960 Weather Kit—includes materials and instructions for forecasting weather......Now only \$14.95

Order today for immediate shipment

Central Scientific Company

CHICAGO 13, ILLINOIS 1718-V IRVING PARK ROAD . BRANCHES AND OFFICES—CHICAGO • NEWARK • BOSTON • BIRMINGHAM DETROIT • SANTA CLARA • LOS ANGELES

CENTRAL SCIENTIFIC CO. OF CANADA, LTD.—TORONTO • MONTREAL VANCOUVER • OTTAWA

REFINERY SUPPLY COMPANY-TULSA . HOUSTON

Produced with the cooperation of Radio Corporation of America, American Optical Co., Gemological Institute of America. Bauer & Black and Taylor Instrument Co.

> These prices are for a limited time only

