

Self Illuminating 5x POCKET MAGNIFIER

SCIENTISTS • BANKERS • DOCTORS • COLLECTORS



Powerful magnifier carries its own illumination. It has hundreds of uses: for examining textiles, fibers, etc.; inspecting tools and machines parts; for Lab study of insects, etc.; photo retouching; for coin and stamp collectors. Sturdy chromed steel and bakelite construction. Uses standard flashlight batteries.

● STUDY SPECIMENS ● CHECK SIGNATURES
● EXAMINE STAMPS, COINS ● INSPECT DETAILS

Postpaid **\$2.45**

\$3.45 7X Model
Less Batteries

John Surrey, Ltd., 11 West 32nd Street, Dept. SN-56, New York 1, N. Y.

TECHNOLOGICAL COLLECTION OF THE MOST IMPORTANT ORES. 30 specimens size 1" plus in compartment box 9 x 12 x 1". Price \$7.00 prepaid.

THE PRINCIPAL SALTS AND OTHER MINERALS FOR TECHNICAL PURPOSES. 30 specimens 1" plus in compartment box 9 x 12 x 1". Price \$5.00 prepaid. Booklet, Introduction to Geology for the Layman, 50¢.

New Catalogue, \$1.00

ECKERT

MINERAL RESEARCH
PROSPECTORS SUPPLIES

Dept. SNL

110 E. Main St. Florence, Colorado

GIANT 6 FOOTERS 59c



Great Fun for Kids and Adults at Beach, Playground or Water Sport. Inflate to Giant 6 ft., 21 ft. Round, with air or Gas. Flying Advt. visible for miles. Terrific for attracting crowds at Openings, Fairs, Roadside Stands, Gas Stations, Sport Events. Use as Water Markers and Buoys. Made of genuine Neoprene Rubber for extra durability. Stimulus. Never Used. Sold at fraction of cost. Add 10¢ handling cost per order. 59¢ ea., 2 for \$1.5 for \$2.12 for \$5. Huge 10 ft., \$1 ea. Colossal 30 ft., \$5.00 ea. No C.O.D.'s.

NOVEL MFG. 33 2nd Ave., Dept. G-2457
New York 3, New York

New "Mechanical Educator" to IMPROVE MEMORY

Learn faster than ever with new device effective for learning languages, speech, tables, facts, formulae.

DORMIPHONE MEMORY TRAINER

- Speeds up learning processes
- Aids concentration
- Provides entertainment

The Memory Trainer records, instantly plays back, and when clock is set automatically repeats speech, music, any material at regular intervals through a built-in speaker. No reels of tape to snarl or rewind. Portable. Ideal aid for work, school, child training, entertainment—Used by educators, psychologists, people of all ages.



Self-Contained Recording Cartridges from 30 seconds to 55 minutes. Easily removed. Can be stored or "erased" instantly and reused repeatedly.

Write TODAY for FREE folder with complete information.

Modernophone, Inc., 125-058 Radio City, N.Y. 20, N.Y.

LINGUAPHONE

MAKES IT EASY TO LISTEN and LEARN to Speak



SPANISH (American or European) • FRENCH
GERMAN • ITALIAN • JAPANESE
MODERN GREEK • ICELANDIC

—any of 34 languages available AT HOME

Only Linguaphone, The World's Standard Conversational Method, brings 8 to 12 of the world's best native language teachers into your home. You listen to life-like, conversational recordings for just 20 minutes a day. You hear men and women speak—YOU Understand—You SPEAK. Over a million home-study students. Write today for FREE Book and details of FREE TRIAL. No obligation. Linguaphone Institute, T-31-058 Radio City, New York 20. In Canada: 901 Bleury St., Montreal.

MICRO-ADS

Equipment, supplies and services of special interest to scientists, science teachers and students, science-minded laymen and hobbyists. 25¢ per word, payable in advance. Closing date 3 weeks prior to publication (Saturday).

SNL, 1719 N St., N.W., Washington 6, D. C.

PLASTICS

NEW LIQUID CASTING PLASTIC, CLEAR, colors. Embed real flowers, minerals, biological specimens, delicate instruments, electronic parts. Also cold setting resin and fiberglass for laminating, casting, molding, coating. Manual 25¢. Castolite Co., Dept. E-131, Woodstock, Illinois.

OPTICAL EQUIPMENT

ACHROMATIC PRISM SATELLITE TELESCOPE. Moon watch objective. Kellner eyepiece. Astronomical, Terrestrial. Easy mount. Scopes, 111 Pleasant Woods, Dallas 17, Texas.

SPECIALISTS USED MICROSCOPES AND ACCESSORIES. Prepared slides. Microscopy supplies. Biological kits. Scientific oddities. Meteorites, minerals, sea shells. Insects in alcohol. Telescopes. Our fully illustrated catalog free. Research Scientific Supplies, Inc., 126 West 23rd Street, New York 11, N. Y.

BUILD TWO DIFFERENT TYPES OF TELESCOPES, plus a two lens magnifier, with "THINGS of Science" Lens Unit No. 206. Accompanying instructions show how to perform 16 absorbing experiments. Send 75¢ (3 for \$1.50) and your name and address to: SCIENCE SERVICE, Dept. 206, 1723 N Street, N.W., Washington 6, D. C.

JEWELRY

PAIR BEAUTIFUL GENUINE CULTURED Pearls, not drilled, and new snap in ear bobs. \$1.25 Postpaid. Just snap pearls in—No cementing. Baroque jewelry makers catalog included free. E. Avery, 332 Columbia Blvd., Woodridge, New Jersey.

MISCELLANEOUS

BINDERS FOR SNL—BUFF-COLORED BUCKram Snap-in metal strips holds 52 copies. \$4.00 pp. Send order with remittance to Science News Letter, 1719 N Street, N.W., Washington 6, D. C.

Questions

AGRICULTURE—How are rice fields in the United States now being threatened? p. 329.

GENERAL SCIENCE—How many planets in the universe are suitable for life? p. 322.

NUTRITION—What are some of the unusual items that pregnant women are found to crave? p. 329.

PSYCHIATRY — How may humans react to space travel? p. 332.

ZOOLOGY—What determines the kind of food received by honey-bee larvae? p. 328.

Photographs: Cover, pp. 325, 326 and 327, Dante Levi for Science Service; p. 323, Lockheed Missiles; p. 336, Sailmaker's Loft.

PSYCHIATRY

Tranquilizers Send Some Patients to Mental Ward

► TRANQUILIZERS, taken to treat high blood pressure in some patients are triggering depressions that send them to the hospital for psychiatric care.

This was reported to the American Psychiatric Association meeting in San Francisco by Dr. Robert L. Faucett of the Mayo Clinic, Rochester, Minn. He said 80 such patients have now been seen at Mayo.

However, he said, tranquilizers may not have produced the mental illness since it seems unlikely that any drug could duplicate a complicated psychiatric illness directly. It is more likely that the drug acts to upset an unstable equilibrium of many internal forces.

Science News Letter, May 24, 1958

Do You Know?

Bread mold has been airlifted 20 miles high to test the lethal effects of cosmic rays.

Glaucoma, a leading cause of blindness after age 40, is a disease afflicting more than 1,000,000 Americans.

Today, it is more than four times as safe to travel by domestic scheduled *airline* than by automobile.

The National Research Council recommends 55 to 60 grams of *protein* daily for adults and up to 80 to 100 grams for teenagers.

A *solar heating* system of the type that can now be used in American homes in some two-thirds of the nation will pay for itself in less than ten years.

Chemoreceptors are the minute cells of the nervous system that telegraph sensations of taste and smell to the brain of all living creatures having these senses.