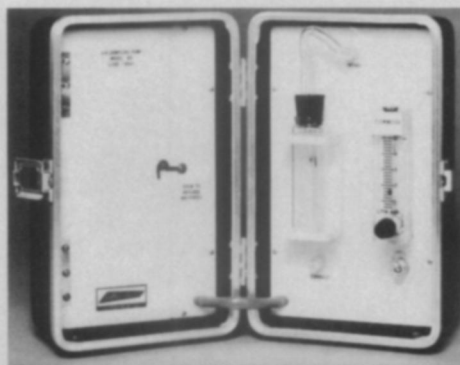


# announcing

## a complete system for air pollution analysis

includes portable pump, impinging apparatus, chemical test outfits.



### AIR SAMPLING PUMP

High quality, portable Model BD Sampling Pump features long life, simple operations • Inexpensive, disposable battery operation for field trip use • Adjustable, large scale flow meter • Includes lightweight carrying case.



### CHEMICAL TEST OUTFITS

Chemical Test Modules available as individual and combination outfits. Tests for 12 basic air quality factors. Each unit includes absorbing and reactive reagents, permanent comparator unit, instructions and rugged carrying case.

SEND TODAY FOR 4 PAGE BROCHURE

Specifications and prices listed on complete Air Pollution System and accessories.



**LaMotte Chemical**

EDUCATIONAL PRODUCTS DIVISION

**LaMOTTE CHEMICAL PRODUCTS COMPANY**

CHESTERTOWN, MARYLAND 21620  
PHONE 301 778-3100

Serving science and industry since 1919.

Circle No. 131 on Reader Service Card

# Grease-free seals

Organic chemistry kits with Clear-Seal joints, the Unground joints that seal without grease to eliminate contamination and mess.



Send today for complete information.

## WHEATON SCIENTIFIC

a division of Wheaton Industries  
1000 North Tenth Street  
Millville, N.J. 08332  
Telephone (609) 825-1400 Ext. 314

Circle No. 137 on Reader Service Card



**GAMMATOR "B" Gamma Irradiator** brings to the classroom the experimental capabilities of a nuclear laboratory. Students may learn by direct experimentation about the extraordinary uses and effects of radiation.

See it on display at the NSTA Convention in Chicago and/or attend the Workshop demonstration at the Convention.

Kewaunee Scientific Equipment Corporation  
3097 W. Front St.  
Statesville, N.C. 28677

Circle No. 129 on Reader Service Card



## 500,000 VOLTS ELECTRO-STATIC GENERATOR KIT

**\$49.00** POSTPAID

Easily assembled kit of parts for making a 36" high 500,000 volt electrostatic generator. All parts included except wood base and motor. (Any 1/4 HP motor will suffice.)

**200,000 VOLTS. KIT \$34.50** postpaid. 17" high. Diam. 7". Current 1.5 to 2.5 microamps. 90% rel. humidity range.

Experiments in Electrostatics—a book with experiments you can do . . . send 50¢. Low priced physics equipment for schools and science projects. Free catalogs—send 15¢ for postage.

## MORRIS and LEE

Dept. SN-3-2  
155 Great Arrow Ave., Buffalo, N.Y. 14207

Circle No. 133 on Reader Service Card

What better way is there for a child to learn about life than by watching it happen.



Teaching children about life and its delicate balance is no easy task at best. To help teachers and parents in this important area, we have developed a kit that enables children to learn about life's processes in the best possible manner — through personal involvement. Children enjoy planting the seed of life and caring for it. On that eventful day when they take home a plant they grew themselves, a lasting impression is made that will not be forgotten. Materials for 36 plants are included: 100 seeds of Thumbelina Zinnia, plant food, 6 poly flats w/bottom trays and 36 "One-Step" seed starters. Enclose check or money order for \$3.50 and ask for:

69289— CLASSROOM GARDEN KIT

Geo. W. PARK SEED Co., Inc.  
391 Cokesbury Rd.  
Greenwood, S. C. 29647

Educational games for your classes

## ELEMENTS

Using the periodic table

A competitive fun way to learn about solids, liquids, gases, non-metals, light and heavy metals, rare earth, Actinide, radioactive elements.

Players will become proficient in naming the elements and identifying them by chemical symbol. 2-6 players.

\$7.00 each; classroom set (5 games) \$29.50

## COMPOUNDS

A chemical card game for 2-6 players

Compounds deals with 21 common elements. Through play, students arrange cards into 100 or more compounds these 21 elements typically form. Players also learn the chemical name and common name for each compound.

\$5.40 each; classroom set (5 games) \$24.00

Order from:

Union Printing Co., Inc.  
17 W. Washington St.  
Athens, Ohio 45701

Circle No. 138 on Reader Service Card



*Now Available*  
**Fascinating Scientific Models of Waves in Slow Motion**  
 Various Sizes  
 Hand Operated or Motorized  
 Write for Free Literature  
**DAWN ENTERPRISES**  
 Box 445-C  
 Cornwells, Hgts., Pa. 19020  
 Made in USA. Guaranteed

Illustrated: 8" Hand Operated Cell Only \$8.00 Pbd.  
 (Pa. res. add sales tax)

ALL TYPES OF

# MODELS

SEND FOR FREE CATALOG

S.R.M., INC. • BOX 1422W  
 JANESVILLE, WI 53545

Circle No. 135 on Reader Service Card



**Quantitative brainwave feedback and monitoring system**  
 free booklet!  
 phone: 707-937-0064

Circle No. 122 on Reader Service Card

## FREE INFORMATION!



Write TODAY to find out how you can receive a different, interesting and valuable Mineral Specimen each month, with detailed "come-alive" fact sheet. Get started today in this fascinating and educational hobby. **FREE** Natural Ruby Crystal when you join. Write today.  
**MINERAL OF THE MONTH CLUB**  
 YUCAIPA, CALIF. 92399

Box 487-725

Circle No. 132 on Reader Service Card

## FREE CATALOG

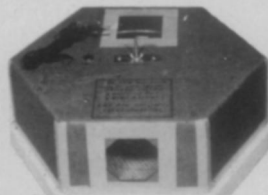
**HARD-TO-FIND PRECISION TOOLS**

Lists more than 1700 items—pliers, tweezers, wire strippers, vacuum systems, relay tools, optical equipment, tool kits and cases. Also includes four pages of useful "Tool Tips" to aid in tool selection.



**JENSEN TOOLS**  
 4117 N. 44th Street, Phoenix, Ariz. 85018

Circle No. 128 on Reader Service Card



ONLY \$12.98 plus \$1.50 postage

No. S-14 14" Dia.  
**NEW—SCIENCE PROJECT INCUBATOR KIT**

complete—nothing else to buy  
 Ideal for student projects, science fairs, etc. Uses same thermostat and enclosed heat element for even distribution of heat as in more expensive models. Simple wiring by color code and screw on connector. Molded plastic bottom has magic moisture circle for even distribution of humidity. Order today or send 25¢ for more information and catalogue of larger picture window models for group observation of hatching process. Use with all types of eggs.

G.Q.F. MFG. CO.—P.O. BOX 8152-SN  
 SAVANNAH, GA. 31402

Circle No. 126 on Reader Service Card

Now . . . let your eyes do the measuring!



# OPTICAL TAPEMEASURE



## NOW MEASURE DISTANCE WITHOUT MOVING AN INCH . . .

Do it right from where you're standing . . . without help from another person . . . without climbing or awkward maneuvering . . . without worrying about ladders, obstacles, building materials, mud or snow . . . and without ribbons, tapes, chalk, strings or cords. If you can see the target, you can measure it! With the new Optical Tapemeasure your eyes do the work.

There's never before been an instrument like this—anywhere! The Optical Tapemeasure gives you precision measurements of any distance from 6 to 100 feet—in seconds. Measures height, too. You simply sight the object—fencepost, roof peak, electrical outlet, room corner—through the viewfinder. You'll see two images of it. Turn the focusing dial until both images "merge" into one. Then glance at the tape indicator to read the distance in feet and/or inches. That's all there is to it. It's fast . . . dependable . . . accurate (99.2% accurate at 25 feet, 97.8% at 100 feet). Ideal for contractors . . . painting, roofing, siding and wiring estimators . . . surveyors, road builders, real estate agents, home construction firms, architects, insurance firms, accident investigators . . . and a great gift for home

handymen, gardeners, etc. Pocket-size, the Optical Tapemeasure is 5½" x 3¼" x 1" and weighs just 8 ounces. Carry it anywhere. Rugged, light green Cyclocac® body with welded steel inner construction, shock absorbing optical mounts, dust-proof interior. Warranted for 5 years against defective parts and workmanship by the famous American optics manufacturer. Also includes deluxe zippered carry case in handsome brown doekskin vinyl. Gift-boxed, of course.

Order today. Send check or money order, or charge your Credit Card. Give Account No., Bank No. (if any), Expiration Date and Signature. N.Y. residents add tax.

Order No. 41450: Optical Tapemeasure, \$19.95 plus \$1.50 shipping and handling.

### THE EVERYTHING GUARANTEE

The Gallery guarantees EVERYTHING: the quality, accuracy of description, availability, prompt delivery. If not delighted, return Optical Tapemeasure within 3 weeks after you receive it (not the usual 10 days) for an instant refund or cancellation of charges.

Free Gift Catalog On Request

**THE GALLERY**  
 FINEST THINGS BY MAIL  
 Dept. 1378, Amsterdam, N.Y. 12010

MAIL THIS COUPON TODAY

THE GALLERY, Dept. 1378, Amsterdam, N.Y. 12010

Rush me (quantity) \_\_\_\_\_ Optical Tapemeasure(s) (Order No. 41450) at \$19.95 plus \$1.50 shipping and handling each.

Check or money order enclosed: \_\_\_\_\_ (N.Y. State residents, add sales tax. Charge my  American Express  BankAmericard  Master Charge  Carte Blanche

Account No. \_\_\_\_\_ Bank No. (if any) \_\_\_\_\_

Expiration Date \_\_\_\_\_ Signature \_\_\_\_\_

Print Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Zoom microscopy with the new Series Sixty adds a new dimension to learning. With infinitely variable magnification, your students can scan a wide field at the lower magnification range and immediately enlarge any interesting area up to 500X for a closer look. It gives a unique incentive to explore the micro world!

Specially designed wide-field eyepiece, with built-in pointer, is color-free and assures a crisp image. It also has high eyepoint, a specific benefit for the person with eyeglasses.

Flat-field, infinity-corrected, zoom optical system provides exceptional optical performance. You'll see all detail in fine sharp focus.

There's built-in slide protection, too. Auto-focus stop and the retracting nosepiece eliminate damage to costly slides. Sturdy, student-proof design and construction assure many long years of reliable service.

For more information on the New AO Series Sixty Zoom microscope, contact your AO representative or write for our new booklet.

*TM Reg., American Optical Corp.*



**AMERICAN OPTICAL  
CORPORATION**

SCIENTIFIC INSTRUMENT DIVISION • BUFFALO, N.Y. 14215

## **Zoom from 100X to 500X ...nonstop with the new AO Series Sixty Microscope**



Circle No. 121 on Reader Service Card