

KEEP PACE WITH SPACE AGE! SEE MOON SHOTS—LANDINGS, SPACE FLIGHTS, CLOSE-UP!

AMAZING SCIENCE BUYS

for FUN, STUDY or PROFIT



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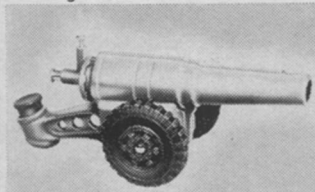


MUSICVISION

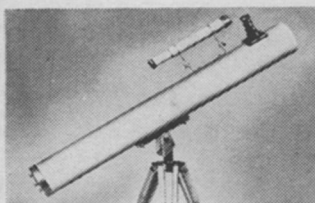
Dramatic Breakthrough
In Audio-Visual Enjoyment

*Patent Pending.
you can actually see your favorite musical selection translated into fantastic patterns of beautiful color—each individual note creating its own unique, twisting, radiating shape . . . each shape dancing and prancing, whirling and swirling in perfect time with the music. Science, art and electronics combined with dramatic results. Attaches in seconds to your radio, tape recorder, hi-fi or stereo with two alligator clips. Can be used on small screens, large walls, stages and whole auditoriums. Loads of fun! Wonderful for parties! Practical, too! Unlimited special effects for bands, dances, clubs, sales meetings, trade shows—put zip into classroom or private music instruction and appreciation. Available in Cabinet Model, Tube Unit, 8" and 12" sets or build your own MusicVision with our lowest cost Do-It-Yourself Kit—all you'll need is a light source. If you don't have one, the versatile Edmund 35mm 500 Watt Projector is a terrific bargain. Order by stock numbers listed below. Money-back guarantee. Complete information in new catalog. Send 25c in coin for fully illustrated, 16-page Booklet No. 9096Q "Introduction to MusicVision."
BOY'S STARTER KIT Stock No. 71,095Q \$ 6.00 Ppd.
8" DO-IT-YOURSELF KIT Stock No. 71,009Q \$22.50 Ppd.
8" SET (Motiondizer, color wheel, apertures) Stock No. 71,030Q \$45.00 Ppd.
12" SET (same as above w/larger Motiondizer) Stock No. 71,032Q \$57.50 Ppd.
500 WATT 35mm PROJECTOR (for above sets) Stock No. 71,057Q \$34.50 Ppd.
WALNUT VENEERED CABINET MODEL Stock No. 85,181Q \$99.50 F.O.B.

Big Boom & Flash Cannon

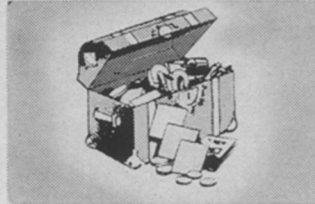


Perfectly safe giant noisemaker for sports, games, the 4th and just plain fun produces brilliant flash and loud bang. Completely harmless—no gun powder, matches or recoil. Easily operated. Beautiful reproduction of regular Army 60 MM cannon in hefty cast iron. "Ammo" is pulverized Bangsite combined with water in cannon producing harmless gas. Cannot be ignited by hottest flame or heaviest concussion. Incl. ammo for 200 shots, instr. Wt. 2 1/4 lbs.
Stock No. 70,898Q \$6.95 Ppd.
EXTRA AMMO (About 400 Shots)
Stock No. P-41,005Q \$1.30 Ppd.



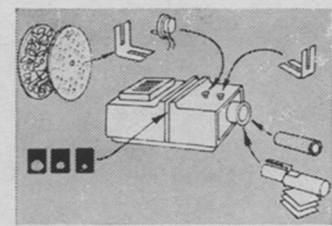
3" Astronomical Telescope

See moon shots, orbits—stars, phases of Venus, planets close up 60 to 180 power. New, improved, aluminized and overcoated 3" diameter f/10 primary mirror, ventilated cell. Equatorial mount with locks on both axes. Equipped with 60X eyepiece and mounted Barlow lens, 3X finder telescope, hardwood tripod. Included FREE: "STAR CHART"; 272-page "HANDBOOK OF HEAVENS"; "HOW TO USE YOUR TELESCOPE."
3" ASTRONOMICAL TELESCOPE Stock No. 85,050Q \$29.95 Ppd.
4 1/4" ASTRONOMICAL TELESCOPE Stock No. 85,105Q \$34.50 F.O.B.
6" REFLECTOR TELESCOPE Stock No. 85,086Q \$239.50 F.O.B.



Science Treasure Chests

Hundreds of thrilling experiments plus a Ten Lens Kit to make telescopes, microscopes, etc. Incl.: extra powerful magnets, polarizing filters, compass, one-way mirror film diffraction grating, many other items. Stock No. 70,342Q \$5.50 Ppd.
DE-LUXE CHEST (above plus crystal growing kit, electric motor, molecular set, & lots more.) Stock No. 70,343Q \$12.00 Ppd.



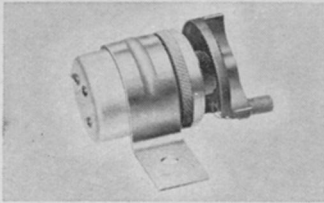
Battery Powered Gyroscope

Dazzling, avant-garde visual effects. Fantastic variety. Incredibly beautiful. Special package offer contains all necessary apparatus. Create floating, exploding, fiery bursts of color like "Symphony of Spheres," "Chromatic Starbursts," "Crystal Starburst." Features 35mm 500 W. fan cooled projector—produces big image at short distance. Accepts two 9" diam. wheels (Dry Kaleidoscope & Hexidoscope). 2 cylindrical accessories (6" Colored Cloud & 5" Hexidoscope w/six internal mirrored walls). Perfect for entertaining, parties, photography. Complete instructions.
Stock No. 71,212Q \$79.50 Ppd.



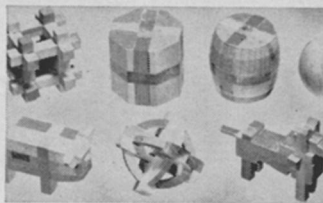
Now! Water That Climbs Uphill

Amaze your friends—loads of fun—perfect for science fairs. Make water flow up side of glass and siphon freely into another container. To stop flow cut with scissors and watch water snap back. The secret is a friction-reducing additive which forms long molecular chains. Many industrial and agricultural uses—a pinch makes goldfish swim faster! Requires only 1/2 tsp. glass; 3 oz. can, treats 84 pints. Stock No. 41,086Q \$2.00 Ppd.



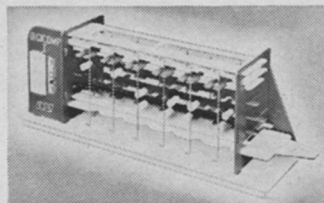
War Surplus Electric Generator

Brand new Signal Corps Electric Generator. Generates up to 90 volts by turning crank. Use in high impedance relays. Charge ground & bring up night crawlers for bait or study. 2 Alnico Magnets alone now worth more than orig. gov't cost of \$15. Wt. 2 lbs. Stock No. 50,225Q \$6.95 Ppd.
Mtd. with light, to demonstrate electricity. Stock No. 50,365Q \$11.95 Ppd.



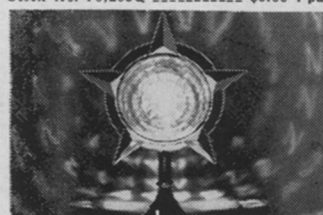
Wooden Solid Puzzles

Here's a fascinating assortment of 12 different puzzles to provide hours of pleasure and stimulate ability to think and reason. Animals and geometric forms. Take them apart and reassemble them. Lots of fun for the whole family—young and old. Will test skill, patience and ability to solve problems. Order yours now.
Stock No. 70,205Q \$5.00 Ppd.



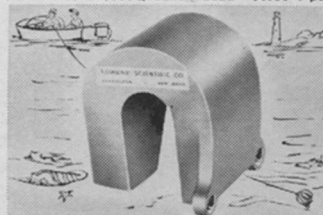
Working Model Digital Computer

Solve problems, teach logic, play games with miniature version of giant electronic brain! Adds, subtracts, multiplies, shifts, complements, carries, memorizes. Colored plastic parts easily assembled. 12" x 3 1/2" x 4 3/4". Incl. step-by-step assembly diagrams, 32-p. instruction book covering operation, computer language (binary system) programming problems & 15 experiments.
Stock No. 70,683Q \$5.98 Ppd.
Stock No. 70,343Q \$12.00 Ppd.
ANALOG COMPUTER KIT



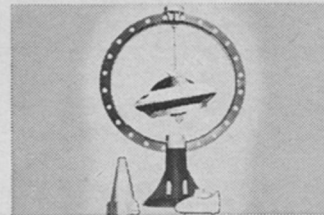
Rotating Multi-Colored Light

Dazzling colors stream endlessly from constantly rotating light. Faceted, transparent globe has louvered drum inside with red, green, blue & yellow stars. Bulb heat rotates drum which projects flickering star points on walls, ceilings, etc., while individual globe facets present constantly changing array of brilliant colors. 9 3/4" star—approximately 12" high on bell-shaped base. Surprisingly light. Easily placed on table, TV, fireplace—even top of Christmas tree or other display.
Stock No. 71,000Q \$6.00 Ppd.



"Fish" With A Magnet

Go treasure hunting on the bottom! Fascinating fun & sometimes profitable! Tie a line to our 5-lb Magnet—drop it overboard in bay, river, lake or ocean. Troll it along bottom—your "treasure" haul can be out-board motors, anchors, other metal valuables. 5-lb Magnet is war surplus—Alnico V Type—Gov't cost \$50. Lifts over 150 lbs. on land—much greater weights under water. Stock No. 70,571Q \$14.00 Ppd.
Stock No. 70,570Q 3 1/2 lb \$ 8.75 Ppd.
Stock No. 70,572Q 7 1/2 lb \$18.75 Ppd.
Stock No. 85,152Q 15 3/4 lb \$33.60 F.O.B.



Giant Surplus Balloons

"Balls of fun" for kids, traffic stoppers for stores, terrific for amateur meteorologists. Create a neighborhood sensation. Great backyard fun. Exciting beach attraction. Amateur meteorologists use to measure cloud heights, wind speed, and temp. Made of heavy duty neoprene. Inflate with vacuum cleaner or auto air hose; or locally available helium for high rise.
Stock No. 60,568Q 8' \$2.00 Ppd.
Stock No. 60,632Q 16' \$7.00 Ppd.

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You Get ALL the following in ten monthly kits!

NO EXPERIENCE NECESSARY
Everyone can enjoy space age science with this easy-to-use equipment and exciting, learn-by-doing courses. It's easy—it's fun!

DEVELOPED BY TOP SCIENTISTS
The ABSClub program is a real science course developed with famous Southwest Research Institute—a non-profit public service organization, nationally recognized as the center of scientific research in the Southwest.

GOOD QUALITY EQUIPMENT
These kits are not toys. They consist of standard components by Centralab, General Electric, Strobelite, Leviton, Precision Tube, Cinch-Jones, Mallory, Lancaster Lens, General Instrument, Trim, RCA, Stackpole, Eastman Kodak, Claxex and other reliable manufacturers.

NO SPECIAL TOOLS REQUIRED
All you need are a screwdriver and pliers. New spring connectors make fast, firm joints—no soldering. Hardware, wire, etc., included.

FUN FOR THE WHOLE FAMILY
This program offers such a variety of activities that every member of the family can find a field of interest. In many homes, working with the kits is a family affair enjoyed by all.

INVALUABLE FOR STUDENTS
Makes school science fascinating and easy. Gives students a head start. The kits are a valuable source of ideas and equipment for school projects.

MANY EXTRA PROJECTS
This new series is much improved and expanded. Many ideas originated by our members have been used to provide extra projects adding variety and excitement to every kit.

MEMBERS ARE ENTHUSIASTIC
Over 50,000 members have successfully used and enjoyed these kits. All the projects are proven and practical.

"Every kit is very complete in explanation, illustrations, materials, hard ware and extras. This is what I like."
F. Batorick, Manhall, Pa.

"Hard-to-get equipment at a great price. Thanks to your kits I am enjoying new fields of science."
J. Allemong, White Springs, Illinois.

"The ABSClub kits are very practical, interesting and educational... and the projects always work."
Larry Schutts, Eden, New York.

"I have immensely enjoyed every minute with the kits, and eagerly await the postman every month."
Fred Carter, Sanford, Florida.

"A wealth of information presented in an easy-to-learn manner."
Tom Webster, Vidor, Texas.

"It is incredible that we can obtain so much material for such a price. The manuals alone are of great value."
Sister M. Maris, Bishop Dwenger High School, Fort Wayne, Indiana

"I am an electronics student in the Air Force. We have not covered anything in school that your kits have not covered."
John G. Dill, Keesler Air Force Base, Biloxi, Miss.

"When I started your program I knew little about any of the topics that you presented. I now am repairing radios and photography is my main hobby."
Bruce Russell, Denver, Colo.

"A friend of mine is taking a correspondence course in electronics. I've learned more from your first two kits than he has in twenty lessons."
Ray P. Blodreau, Leominster, Mass.

ELECTRICAL LAB

All the equipment for basic electrical experiments with Wheatstone Bridge (measures resistance), Magnetizer and De-magnetizer, Thermocouple, Mystery Shock Box, Continuity Tester, Extinction Voltmeter, Selenium Coin Tester, Electromagnetic Relay, Neon Lamp, Galvanometer, Induction Coil, Resistors, Chemicals and Electrodes for Plating and Electrolysis. **FOR SAFETY** a step-down Isolation Transformer provides required current.



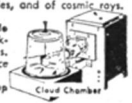
RADIO LAB AND COURSE

YOU BUILD A SHORTWAVE AND BROADCAST RADIO, 2-tube regenerative circuit. Uses 115V AC. CARBON MICROPHONE with AUDIO AMPLIFIER, RADIO TRANSMITTER for code or voice, RIPPLE TANK WAVE GENERATOR with variable frequency, invaluable in the understanding of wave theory, CODE PRACTICE OSCILLATOR with manual, "Steps to a Ham License." All you need to pass the FCC Ham License Exam.



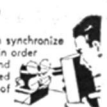
ATOMIC ENERGY LAB

ATOMIC CLOUD CHAMBER WITH PROJECTOR ILLUMINATOR. See the vapor trails of alpha and beta particles, and of cosmic rays. SPINTHAROSCOPE. Shows exploding atoms. ELECTROSCOPE—metal housed with scale and Magnifying Viewer. Measures background radiation and tests sample sources. **SAFE RADIOACTIVE MATERIALS:** Alpha Source in handy container and Uranium Ore. Full instructions and explanations open up the fascinating field of nuclear physics.



STROBE LIGHT

A Neon Lamp that flashes at intervals you can synchronize with the speed of rotating or vibrating objects in order to "freeze" their motion to permit close study and checking frequencies and RPM. Flashes are timed by a variable frequency oscillator with a range of 20 to 600 cycles per second.



RADIO SERVICING TOOLS

SIGNAL TRACER. A valuable trouble shooting tool which permits you to "listen in" as you probe through a faulty circuit until you find the trouble spot. CONTINUITY TESTER. Pinpoints open circuits and test voltages. The use of both scopes fully described in accompanying manual, "Simplified Radio and TV Servicing."



PHOTOELECTRIC RELAY

Crystal Photocell, Electronic Amplifier, Relay, large Condensing Lens in Cabinet Mount. Features automatic on-off or holding circuit operation. Sensitivity Control. Plug-in Quiet for controlled circuit. Use for alarms, counters, etc. Operates on 115V AC. A basic unit for many exciting experiments.



DC POWER SUPPLY

Changes regular 110-120V AC to the direct current required for electronic projects and experimenting. Consists of a Power Transformer, Vacuum Tube Rectifier, 30/20 MFD Capacitor Filter Circuit, and a potentiometer Voltage Selector. A Safe Isolated Power Supply eliminates the need of expensive multi-volt batteries.



SPECTROSCOPE

Analyze spectra of glowing gases. See and identify the Fraunhofer Lines. A quality instrument featuring an easy-to-read built-in scale and a powerful condensing system for a bright spectrum. Equipment includes Alcohol Burner and a 2 Watt Neon Spectral Lamp. Full instructions cover theory and use.



ULTRAVIOLET LAMP

140 watt filter type UV LAMP. Heavy metal cabinet, 6 Foot Cord, Rotary Switch. Produces dazzling color effects with invisible black light. Has many uses in the fields of Mineralogy, Crime Detection and Science. Accessories include Invisible Ink, Tracer Powder, Fluorescent Crayons.



ANALOG COMPUTER

Electronic Computer multiplies, divides, calculates powers, roots. Set up the problem on the scales of two potentiometers and find the answer on the scale of third potentiometer as indicated by a sensitive meter. Instruction Manual covers computer theory and practical use. Over 150 sample problems and answers demonstrate use with fractions, trigonometry, logarithms, physics formulas, ballistics, etc.



MICROCRAFT LAB

Microprojector shows microscopic subjects enlarged with brilliant detail on wall or screen. Has sturdy Steel Cabinet, large Condensing Lens for extra brightness, and a GE Projection Lamp. Microstage features Ramsden Eye-piece for wide field viewing, Substage Light and Polarizing Filters. Magnifies up to 200X. Includes: Slides, Cover Glasses and Microscopy Manual.



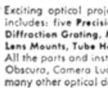
SURVEYOR'S TRANSIT

A practical Transit. 6X erect image telescope with Range Finder Reticle for measuring remote distances and heights. Vernier reading for both horizontal and vertical scales. Leveling Head with Thumb Screw Adjustment and Spirit Level. Clamps under head hold wooden legs of Tripod. (Legs not included.) Instructions cover elementary surveying, range-finding.



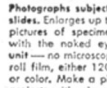
LIGHT AND OPTICS LAB

Exciting optical projects for the study of light. Equipment includes: five Precision Lenses, Prism, Polarizing Filters, Diffraction Grating, Mirror, Telescoping Tubing, Lens Mounts, Tube Holders and Brackets. All the parts and instructions to build a Camera Obscura, Camera Lucida, Polaroscope, and many other optical devices.



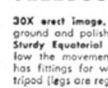
PHOTOMICROGRAPHY CAMERA

Photographs subjects mounted on microscopic slides. Enlarges up to 100X. Takes clear, sharp pictures of specimens too small to be seen with the naked eye. A fully self-contained unit—no microscope required. Uses standard roll film, either 120 or 35, black and white or color. Make a photographic record of your projects with microscopic subjects.



TELESCOPE AND MOUNT

30X erect image. Extends to 30" length. Five ground and polished Lenses. Ramsden Eyepiece. Sturdy Equatorial Mount makes it easy to follow the movement of heavenly bodies. Mount has fittings for wooden legs that complete the tripod (legs are regular 1x2 lumber not included).



PHOTOGRAPHY LAB

A PRECISION 35MM ENLARGER... horizontal type with twin condensing lenses and 3" F/11 projection lens. Produces quality enlargements up to 8"x10". Contact Print Frame takes negatives up to 3 1/2" x 4 1/2". 3 Plastic Developing Trays, Neon Safelight, Tray Thermometer, Film Clips, Developing Chemicals, Printing and Enlarging Paper and Darkroom Handbook. Make quality enlargements for 6¢. Make prints for only 2¢. Full instructions.



LIGHT TRANSMITTER-RECEIVER

The TRANSMITTER consists of a Light Source, a Modulating Reflector Diaphragm and an Optical Projection System. The RECEIVER is a Two-Stage Audio Amplifier, controlled by a Photoelectric Cell that catches the projected light beam and causes the original sound waves to be reproduced in the loudspeaker.



WEATHER STATION

A REMOTE READING ANEMOMETER AND WIND-VANE... Flashing Neon Lights on indoor indicator board show wind speed and direction. Safety Power Cord makes all connections safe. 100 ft. of Lead-in Wire. Plus—Air Tank Barometer with 4ft. indicator column; Sling psychrometer measures relative humidity. Rain Gauge measures rainfall to 1/100 inch. ALSO Cloud Chart and Forecasting Manual—a complete set-up for amateur meteorology.



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SEND **\$100** ONLY TO ENROLL PAY **\$495** ONLY FOR EACH KIT THAT YOU RECEIVE

Take as few as you wish—or get all ten... it's up to you!

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- Q. How is it possible? It seems incredible to be able to get all the equipment shown above in just ten kits—at only \$4.95 per kit!
- A. The direct-to-you, "no middleman", club plan is just part of the answer. The other key is ABSClub's especially designed multi-use equipment. For example: the Microprojector quickly and easily converts into the Spectroscope, Photo Enlarger and Cloud Chamber Illuminator. Similarly, the Transit doubles as a Telescope Mount. Such multi-purpose design... plus club plan economy... makes possible this all-science program at a price everyone can afford.
- Q. May members choose the order in which they receive their kits?
- A. Yes. With the first kit members receive a list of the equipment and projects contained in each of the remaining nine kits. With this information they are able to choose the kit sequence that best suits their particular interest.
- Q. Can members get their kits all at once instead of one-a-month?
- A. Yes. You can get all 10 kits in one shipment for \$49.50 (See coupon). Also you may start out on the Kit-A-Month plan and anytime you wish you can get the balance of your kits in one shipment.

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- ★ You take only as many kits as you wish. No minimum—you may cancel anytime.
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I enclose \$1.00 to enroll and \$4.95 for the first kit postpaid.

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I prefer to receive all the kits at once. I enclose \$49.50 payment in full for all 10 kits in one shipment, postpaid.

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