

HARD-TO-FIND, UNIQUE PRODUCTS for HOBBYISTS, GADGETEERS and STUDENTS

from America's Largest Mail-Order Market Place of Unusual Values in Telescopes, Binoculars, Magnifiers, Microscopes, Science Kits, Lab Equipment, Toys, Military Surplus, Fiber Optics, Lasers, Solar, Photo and Weather Instruments.

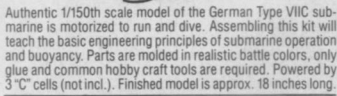
Fun And Intriguing! You'll Play For Hours With These Colorful Magnetic Magic Marbles.

Build a mountain or odd geometric patterns with these fascinating, high impact plastic marbles. Each marble has both a negative and positive pole. A challenge to your imagination. Fun for youngsters, adults, too! 20 marbles per package.
SA 34,968 (Package of 20) \$ 3.95
SA 35,854 (Package of 100) \$17.95



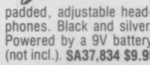
Build This Authentic Deadly German U-Boat. It's Motorized To Actually Run And Dive!

Authentic 1/150th scale model of the German Type VIII submarine is motorized to run and dive. Assembling this kit will teach the basic engineering principles of submarine operation and buoyancy. Parts are molded in realistic battle colors, only glue and common hobby craft tools are required. Powered by 3 "C" cells (not incl.). Finished model is approx. 18 inches long.
SA 38,412 \$22.95



Super Snooper™ Electronic Sounds From Over 40 Feet Ear Picks Up Away!

Kids will have fun with the Super Snooper electronic toy that gives super-human hearing, indoors and out. They'll be able to listen to birds and animals before they can be heard. Just point the disc and pull the trigger. Sounds are picked up from over 40 feet in the



padding, adjustable headphones. Black and silver. Powered by a 9V battery (not incl.). SA 37,834 \$9.95

Superconductivity - The Latest Technology.

Superconducting ceramic disc for lab demonstration on the Meissner effect of magnetic levitation. This is the new material making headlines. The disc is composed of yttrium oxide, barium oxide and copper oxide and will positively demonstrate the Meissner effect by magnetic levitation of a small samarium cobalt magnet at liquid nitrogen temperature (77°K). To conduct the demonstration you will need the disc, a small samarium cobalt magnet and liquid nitrogen (available from most hospital and lab supply firms). ES offers the disc and magnets. (Similar magnets may be found in lightweight headphones).

Superconductivity Disc - includes ceramic 1" dia. x 1/4" thick disc and complete instructions. Reg. \$25 SA 37,446 \$17.50

Demonstration Kit - includes superconductivity disc 1" dia. x 1/4" thick, rare earth magnet 3/4" dia. x 1/4" thick and instructions. Reg. \$45 SA 38,169 \$36.00

The Vortex™ More Than A Money Bank!

Performs spinning tricks and high maneuvers. Drop a coin onto the launching pad, spin the Vortex unit in a circular motion. This creates an immense amount of speed causing the coin to spin around and around until it finally drops to the bottom storage area. "The longest continuous rolling so far is 33 hours, 16 minutes." Challenge your skills, spin the coin back up the tunnel or spin it upside down, plus more. Made of tough polypropylene. Instructions included. SA 37,832 \$14.95

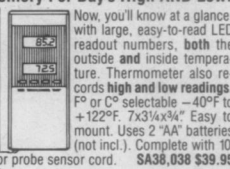


Go Fishing With This Mighty Magnet.

Lift up to 200 lbs. Fun to use around docks and bridges. A must for a boat, it helps retrieve metal objects that fall overboard. You'll be amazed at what you pull up. Wt. 2 lbs., measures 4x3 3/4x3 1/4". Made with a Poly-Vinyl Chloride coating to resist corrosion and chipping. SA 71,135 \$29.95

Digital Thermometer Shows BOTH Indoor AND Outdoor Temperature, Memory For Day's High AND Low!

Now, you'll know at a glance, with large, easy-to-read LED readout numbers, both the outside and inside temperature. Thermometer also records high and low readings. F° or C° selectable -40°F to +122°F. 7x3 1/4x3/4". Easy to mount. Uses 2 "AA" batteries (not incl.). Complete with 10' outdoor probe sensor cord. SA 38,038 \$39.95



Flash Rocks.

Strike them together and see amazing flashes inside the rocks! The source of light is a miniature "lightning flash" that occurs in the quartz material within the rocks. It's nature's Piezo effect. Pack of 3 bags (6 rocks). SA 37,474 \$6.95



For Phone Orders, Call 1 (609) 547-8880

for friendly special treatment

Use VISA, MasterCard, Diners Club, Am. Exp., Discover, Carte Blanche or Optima. Call anytime, 24 hours a day. MOST ORDERS SHIPPED WITHIN 48 HOURS

"700 Science Experiments For Everyone" - An Exciting Book For Science Fair Projects.

A brand new, up-to-date edition of the best known science experiment book in the world. Compiled by science instructors under the auspices of UNESCO in Paris. 251 pages, featuring optical projection, electricity, chemistry, astronomy, magnetism, geology, physiology and more. Describes experiments with easy-to-follow instructions, diagrams. SA 93,011 \$12.95

Build A Working V-8 Demonstration Engine.

A great introduction into what's behind your gasoline-powered engine. The 1/4 scale realistic model contains over 100 moving parts. You can actually watch the crankshaft rotate, spark plugs light up, valves open and close, rods and pistons move. Easy to build, requires model glue for assembly, takes two "C" batteries (not incl.). Complete with stand. SA 70,448 \$39.95

Motors By The Bag For Hobbyists, Modelmakers.

Our inexpensive motors can make wheels go 'round, propellers turn. Unlimited applications.

Have fun by adding motion to your science fair projects, demonstrations and experiments with this special buy of 20, 1" motors with 3/8" long shafts and 2 wire leads. 20, 1" motors SA 1304 \$11.95

Build Your Own 2000° Solar Furnace With This Fresnel Lens And Harness The Sun's Rays!

You'll be able to use this precision lens as a solar cooker for heating food, as a kiln for pottery - and even to melt metal or for other solar experiments. Lens has a 8 1/2" x 11, 50 lines per inch, measures 10 1/2" x 10 1/2" x 1/4" thick. Unmounted lens comes with 16 page book, "Fun With Fresnel Lens" instructions included on how to build the 360° stand and frame shown. SA 70,533 \$22.35

The Chandler Gyroscope - A Classic Favorite For 75 Years.

Demonstrates "gyroscopic inertia" or rigidity in space as first recorded by Isaac Newton. An object rotating about a fixed axis creates a condition in which the axis holds its position with respect to inertial space, no matter how the spinning object's support is moved about. Machined, painted and balance-fitted all by hand. Complete with instructions and pedestal. SA 37,265 \$5.95

Have You Ever Seen The Inside Of Your Eye?

Eyescopes is an optical device for looking at the inside of your eye. It's a specially designed diffuser incorporating a parabolic mirror and lens light. Safe and easy to use. A 52 page booklet included, describes the various features inside the normal eye; how the iris works, kinds of floaters and fixated objects, how to inspect contacts. SA 33,538 \$24.95

Stars That Glow In The Dark Turn Your Bedroom Ceiling Into The Night Sky.

Assortment of 250 luminous stars that glow in the dark on ceiling or wall. Light up a child's room with the beauty of glowing stars and have fun with astronomy. Easy to apply decals glow after exposure to light. Comes with star chart and instructions to recreate the Big Dipper, Milky Way and the heavens. SA 95,213 \$9.95

Compact 7 Inch Helium-Neon Laser.

Thermal stability is combined with the smallest possible tube size for enhanced laboratory usefulness. Features improved beam pointing stability; reduced short-term amplitude variations for laser recording and reading; and advanced hard-set techniques and new developments in cathode tube technology assuring both increased operating life and unlimited shelf life. 0.5 mw CDH class II product. Designed for the rigors of lab environments. Hard seal plasma tube. Reg. \$250 SA 34,891 SALE \$215

No Risk Guarantee!

If you are not completely satisfied with your purchase, return the merchandise in its original package and we will cheerfully refund your money in full. We back our products! Our 45 day unconditional guarantee means you take no risk on any product you buy from us.

Edmund Scientific Co.

Dept. 19D9, C922 Edscorp Bldg., Barrington, NJ 08007

Miniature Water Pump For Photo Darkrooms, Science Fairs, Water Displays.

This tiny pump can pump a pint per minute with a 12" high flow. Ideal for temperature control and circulation of darkroom chemicals, table fountains, model waterfalls, water filtration and more. Can be used in either direction and is self priming. Operates on 2 flashlight batteries (not incl.), runs up to 48 hours before battery change is required. 4" tube incl. SA 50,345 \$6.95

Radiometer...A Space Age Sphere.

It's fascinating to watch the delicate vanes within this 5" precision-made sphere spin faster and faster illustrating the basic principle of solar heating. When light strikes the vanes it transfers heat, and the vanes begin to move. Works from direct sunlight or artificial light. An attractive "conversation piece" SA 60,082 \$6.95

Great AM Radio Reception With Select-A-Tenna. Listen To Station WOR N.Y. When In Boston.

This new antenna will bring in those weak, distant, AM radio signals loud and clear. You'll now get excellent radio reception on all AM stations. Select-A-Tenna turns your AM radio into a powerful receiver. Used in Alaska to pull in stations from continental U.S. Employs mutually inductive coupling. Mini-jack and plug. 10 1/4" dia. SA 72,147 \$49.95

Metric Triple Balance Ohaus Scale With Dial-O-Gram® Single Pan Balance.

The classic weighing instrument, provides accurate weights year after year. Rugged construction, weigh anything - liquids, solids, or live animal. Three tiered, notched beams (100-550, 10-100, 0-10 grams) have center reading sliding poises. 610 gram cap. Stainless steel 6" platform. 18 1/2" x 6" SA 71,695 \$99.95

Accessory Weight Set, expands scale to 2,610 gm. Incl. 1-500 and 2-1,000 gr. wts. SA 41,766 \$24.95

Helps To Recycle Aluminium "Crush-A-Can" Flattens Cans To Less Than An Inch!

Simple to use, just pull the lever. Helps promote a cleaner environment and condenses trash in your home. No more bulky garbage bags. All steel model measures 13 1/2" x 4 1/2" x 4 1/2". Easy to mount. Light tan. SA 35,278 \$31.95

Polish Water-Worn Beach Agates, Amethysts And Garnets With Our Rock Polishing Kit.

Enjoy a unique and fascinating hobby making exciting jewelry of beautifully polished gems and stones from rough rocks found everywhere. Complete kit includes powerful polishing tumbler with a 115V heavy duty motor, three pound barrel, a large selection of assorted rocks, grit abrasives, polish, jewelry findings and instruction manual. SA 80,276 \$74.95

Add Spectacular Color To Your Home With A Rainbow Light Display.

Our equilateral prism mounted in a specially designed wooden base catches the sun and projects the ever-changing rainbow patterns over your walls, ceiling and floor. It's almost like being inside a multi-faceted diamond. Glass equilateral prism is 2" (50mm) long with 1" (25mm) faces. Wooden mount is 2 1/2" x 1 1/2" x 1 1/2". SA 38,400 \$6.95

Featured on this page are only a few of the many imaginative products that appear in our

FREE 80 PAGE CATALOG

Send for your copy today.

Thousands of exclusive, unique and exciting values. Something educational, fascinating and useful for every hobbyist, gadgeteer, student and educator.

Edmund Scientific Co. Dept. 19D9 C922 Edscorp Bldg., Barrington, NJ 08007

Method of Payment: Check enclosed MasterCard American Express VISA Diners Club Carte Blanche Discover Optima

Exp. Date _____

Card Number _____

Bank Number (MasterCard only) _____

Signature _____

SEND FREE 80 PAGE CATALOG

Name _____

Address _____

City _____ State _____ Zip _____

Edmund's Famous Jumping Quarters Leap 3 Feet Into The Air!

Full of fun and surprises. Simply click the jumping disc between your fingers, rub for a second, lay it on any smooth surface... and POP! It leaps into the air, 3 feet high. Friends won't be able to resist tinkering with them. How does it work? The nickel and stainless steel discs work on the principle of thermodynamics. Heat (rubbing the disc) makes metal expand, a cool surface makes it contract. 12 Jumping Quarters SA 42,099 \$3.95

Make Your Own Wild Tornado.

Our Tornado Tube assembly allows you to demonstrate the wild vortex phenomenon of a natural tornado. All you need are two 1 liter or 16 oz. plastic soda bottles and ordinary tap water. Instructions and explanation of scientific principles included. Pkg. of 2 tubes SA 37,592 \$3.95

Our Amazing Happy Bird Never Stops Drinking!

Fascinating to watch. Simply duck the bird's head into a glass of water to begin happy birds bobbing motion. Then the bird takes over, continuously dipping into the water for a drink. SA 60,778 \$3.95

Newton's Third Law Of Motion Demonstrated With The Swinging-Wonder.

It's hard to put down once you start playing with it. Swing one of the nickel plated balls and watch the one on the opposite side swing back. Consists of 5 balls suspended by monofilament to the wood frame. 6x7x9" SA 33,739 \$21.95

Mini version of above, chrome frame, 2x1 1/2x1 3/4" SA 37,472 \$3.95

Ultra-Sensitive Directional Sound Amplifier Picks Up Signals 200 Feet Away!

Used for police surveillance and excellent for nature study, microphone and head set amplified sounds up to 200 feet away. Overhear private conversations - listen to the sounds of animals at distances that are out of hearing range - it's light enough (only 3 1/2 ounces) so the microphone can be mounted on your binoculars. Compact, measures only 12" Powered by 1 "AAA" battery, included. Frequency response 200Hz to 8000Hz, output level 49 db's maximum. Complete with padded microphone, amplifier and headphones. SA 38,042 \$49.95

Edmund Scientific Co., Dept. 19D9 C922 Edscorp Bldg., Barrington, NJ 08007

STOCK NO. QTY. PRICE



Picture Your Top Student Here



From computers to counseling, from prevention to healing, a career in dentistry offers the kind of personal and professional satisfaction your top students are looking for.

One of the most respected health care providers, today's dentist practices a sophisticated, prevention-oriented discipline. And the future is even more promising for the young people who choose dentistry.

Taking advantage of technological revolutions in lasers, computers and research, tomorrow's dentists will practice on the cutting edge of technology while they enjoy good, old-fashioned personal fulfillment in dealing with people— healing, helping, counseling and caring.

It's not the career choice for everyone; the selection requirements are tough and the educational requirements demand a high level of commitment. But if your top students are looking for a professional career that offers a future of satisfaction

and challenge, the American Dental Association and the American Association of Dental Schools will be glad to send you more information about dentistry.

Just mail the coupon below.

Yes! Send me more information on the career choices dentistry offers my top students!

Name _____

School _____

Address _____

City _____

State _____

Zip _____

(_____) _____

Phone _____

Send to:
SELECT Program
American Dental Association
211 East Chicago Avenue, Suite 1840
Chicago, IL 60611

0004



A national program to attract highly qualified individuals to careers in dentistry sponsored by American Association of Dental Schools and American Dental Association.