

# MAKE YOUR CHRISTMAS SHOPPING EASY WITH OUR MOST POPULAR 'BEST SELLERS' SELECTED FROM OUR CATALOG BY A MILLION HOBBYISTS, GADGETEERS AND STUDENTS

Unusual Values in Telescopes, Binoculars, Lab Equipment, Magnifiers, Microscopes, Science Kits, Military Surplus, Fiber Optics, Lasers, Solar 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.  
 SC34,966 (Package of 20) \$ 3.95  
 SC35,854 (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 VIIc 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.

SC38,412  
\$22.95

## Super Snooper™ Electronic Sounds From Over 40 Feet

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.). SC37,834 \$9.95

## Superconductivity—The Latest Technology.



**PRICE BREAKTHRU**  
 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 1/8" thick disc and complete instructions. Reg. \$25 SC37,446 \$17.50  
 Demonstration Kit—includes superconductivity disc 1" dia. x 1/8" thick, rare earth magnet 3/16" dia. x 1/4" thick and instructions. Reg. \$45 SC38,169 \$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. SC37,832 \$14.95



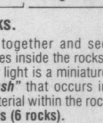
## Go Fishing With This Mighty Magnet.

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 3/4". Made with a Poly-Vinyl Chloride coating to resist corrosion and chipping. SC71,135 \$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° to +122°F. 7x3 1/4x3 1/4". Easy to mount. Uses 2 "AA" batteries (not incl.). Complete with 10' probe sensor cord. Reg. \$39.95 SC38,038 SALE \$32.95



## 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). SC37,474 \$6.95



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## "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. SC9301 \$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. SC70,448 \$39.95



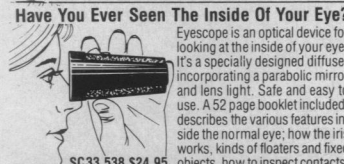
**Motors By The Bag For Hobbyists, Modelmakers.**  
 Our inexpensive motors can make wheels go 'round, propellers turn. Unlimited applications.  
 Have fun by adding motion to your science fair projects, demonstrations and experiments with this special buy of 20, 1" motors with 3/8" long shafts and 2 wire leads. 20, 1" motors SC1304 \$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"x10"x1/4" thick. Unmounted lens comes with 16 page book, "Fun With Fresnel Lens." Instructions included on how to build the 360° stand and frame shown. SC70,533 \$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. SC37,265 \$5.95



## Have You Ever Seen The Inside Of Your Eye?

Eyescop 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 fixed objects, how to inspect contacts. SC33,538 \$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. SC9521 \$3.95

## Compact 7 Inch Helium-Neon Laser.

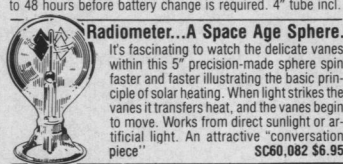
Thermal stability is combined with the smallest possible tube size for enhanced laboratory usefulness. Features improved beam pointing stability for precise long-term alignment; long-term amplitude stability; reduced short-term amplitude variations for laser recording and reading; and advanced hard-seal 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. SC34,891 \$215

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Our 45 day unconditional guarantee means you take no risk on any product you buy from us.

## 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. SC50,345 \$6.95



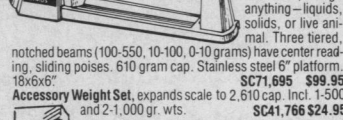
## Radiometer...A Space Age Sphere.

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" SC60,082 \$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 3/4" dia. SC72,147 \$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. 16x6x6". SC71,605 \$99.95  
 Accessory Weight Set, expands scale to 2,610 gram cap. Incl. 1-500 and 2-1,000 gram wts. SC41,766 \$24.95



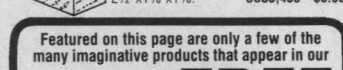
## Helps To Recycle Aluminium "Crush-A-Can" Flattens Cans To Less Than An Inch!

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"x4 1/2"x4 1/2". Easy to mount. Light tan. SC35,278 \$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. SC80,276 \$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"x1 1/2"x1 1/2". SC38,400 \$6.95



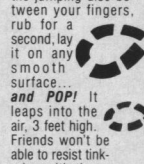
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## Edmund's Famous Jumping Quarters Leap 3 Feet Into The Air!

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 discs) makes metal expand, a cool surface makes it contract. 12 Jumping Quarters SC42,099 \$3.95



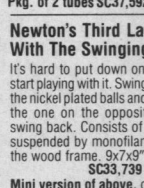
## Make Your Own Wild Tornado.

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 SC37,592 \$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. 9x7x9". SC33,739 \$21.95



## Mini version of above, chrome frame, 2x1 1/2x1 3/4". SC37,472 \$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. SC38,042 \$49.95



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# WHAT'S BETTER THAN SPEED READING? SPEED LEARNING

**Speed Learning has replaced speed reading. It's a whole new way to read and learn. It's easy to learn . . . lasts a lifetime . . . applies to everything you read. It may be the most productive course you've ever taken.**

Do you have too much to read and too little time to read it? Do you mentally pronounce each word as you read? Do you frequently have to go back and reread words or whole paragraphs you just finished reading? Do you have trouble concentrating? Do you quickly forget most of what you read?

If you answer "yes" to any of these questions—then here at last is the practical help you've been waiting for. Whether you read for business or pleasure, school or college, you will build exceptional skills from this major breakthrough in effective reading, created by Dr. Russell Stauffer at the University of Delaware.

### Not just "speed reading"—but speed reading-thinking-understanding-remembering-and-learning

The new *Speed Learning Program* shows you step-by-proven-step how to increase your reading skill and speed, so you understand more, remember more and use more of everything you read. The typical remark from over one million people taking the *Speed Learning* program is, "Why didn't someone teach me this a long time ago." They were no longer held back by the lack of skills and poor reading habits. They could read almost as fast as they could think.

### What makes Speed Learning so successful?

The new *Speed Learning Program* does not offer you a rehash of the usual eye-exercises, timing devices, costly gadgets you've probably heard about in connection with speed reading courses or even tried and found ineffective.

In just a few spare minutes a day of easy reading and exciting listening, you discover an entirely new way to read and think—a radical departure from anything you have ever seen or heard about. *Speed Learning* is the largest selling self-study reading program in the world. Successful

with Fortune 500 corporations, colleges, government agencies and accredited by 18 professional societies. Research shows that reading is 95% *thinking* and only 5% eye movement. Yet most of today's speed reading programs spend their time teaching you rapid eye movement (5% of the problem) and ignore the most important part (95%) *thinking*. In brief, *Speed Learning* gives you what speed reading can't.

Imagine the new freedom you'll have when you learn how to dash through all types of reading material *at least* twice as fast as you do now, and with greater comprehension. Think of being able to get on top of the avalanche of newspapers, magazines and correspondence you have to read . . . finishing a stimulating book and retaining facts and details more clearly and with greater accuracy than ever before.

### Listen-and-learn at your own pace

This is a practical, easy-to-learn program that will work for you—no matter how slow a reader you think you are now. The *Speed Learning Program* is scientifically planned to get you started quickly . . . to help you in spare minutes a day. It brings you a "teacher-on-cassettes" who guides you, instructs, encourages you, explaining material as you read. Interesting items taken from *Time Magazine*, *Business Week*,

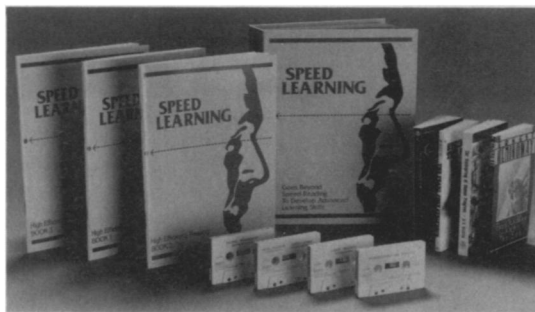
*Wall Street Journal*, *Family Circle*, *N.Y. Times* and many others, make the program stimulating, easy and fun . . . and so much more effective.

Executives, students, professional people, men and women in all walks of life from 15 to 70 have benefited from this program. *Speed Learning* is a fully accredited course . . . costing only 1/5 the price of less effective speed reading classroom courses. Now you can examine the same, easy, practical and proven methods at home . . . in spare time . . . without risking a penny.

### Examine Speed Learning FREE for 15 days

You will be thrilled at how quickly this program will begin to develop new thinking and reading skills. After listening to just one cassette and reading the preface you will quickly see how you can achieve increases in both the speed at which you read and in the amount you understand and remember.

You must be delighted with what you see or you pay nothing. Examine this remarkable program for 15 days. If, at the end of that time you are not convinced that you would like to master *Speed Learning*, simply return the program and owe nothing. See the coupon for low price and convenient credit terms.



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“I was extremely impressed with the course, and with the techniques it taught me. By utilizing these methods, I have more time to spend on important work. I recently ordered another set for my son, a college student.”

**Mike Gravel**  
Former U.S. Senator

“*Speed Learning* is the most outstanding course I have taken. It has helped me so much in my business and personal reading that I plan to give it to all my employees.”

**Vincent Clementi**  
President  
The Clementi Organization