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SCIENCE NEWS

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Dances With Strong Heart

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.

GRAB BAG OF SCIENCE FUN

12 Foot Light Show Of Multi-Colored Bulbs Makes Unique Window Display Or Decoration.

Weatherproof Light Ropes create moods, grab attention for sales displays and trade booths and are one-of-a-kind decorations. Clear plastic 1/4" flexible tube encloses 44 tiny, brightly colored bulbs in 12 ft. long Light Ropes. Can be used indoors and out. Male and female connectors at each end allow you to mix and match color strands. Lights in the rope will move in a stationary pattern or "chase" each other at a variable speed you select. A transformer is required to operate lights. \$22.00 Ea.

4-9 \$21 Ea. 10 or more \$20.00 Ea.
Clear \$036,656; Blue \$036,657; Green \$036,658; Red \$036,659; Amber/Copper \$036,660; Multi Color \$035,279

Light Controller for forward and speed control. 110V/60Hz input. Speed selector switch will handle up to 8 Light Ropes. \$035,280 \$33.95

Is your vision 20/20?

Check your vision with our self-screening vision tester. It's easy to check your distance and reading vision power. Unit consists of a sliding target, a 10x magnifying lens, a built-in viewing lens. Now you can check and monitor your eyesight in conjunction with your eyecare professional.

\$038,624 \$12.95

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). \$037,474 \$7.95

Wire With A Memory Created With Tomorrow's Technology!

Place this amazing 3' length of Nitinol wire in cold water and bend it into any crazy shape. Then watch it pop back to its original straight shape as it's put into hot water. You'll not believe what you'll see - and your kids will ask "why" and "how". \$037,308 Package of 2 \$6.25

Hear The Softest Whisper At 100 Yards Using Our Bionic Ear With Its Parabolic Booster.

You'll now be able to listen to thousands of sounds that are too low to be heard with the human ear with this portable listening device designed for professional security. Excellent for bird watching, security, law enforcement, hunting and for the hearing impaired. The Bionic Ear has an omnidirectional microphone that amplifies sounds from all directions with the dominant sounds coming from the direction that the unit is pointing in. It contains an automatic safety shut-off circuit for testing ultra loud incoming sounds that may be harmful to your hearing. Comes complete with headphones and a Parabolic Booster, making the unit even more powerful and directional, enabling it to pinpoint the direction that the sound is originating from. Weighs 1 1/2 lbs., powered with a 9V battery (not included). \$033,595 \$35.95

Fluorescent Blacklite, A Great Idea For High School And College Dance Parties.

Make any room into a psychedelic party room with this amazing 18 inch long, 15W blacklite tube that illuminates large areas of posters, paintings, walls, etc. Easy to install, completely assembled, all parts are built into the ends. Unit comes with reflector, 6 ft. cord, on/off switch, screws and mounting instructions. 118V, 0.35 amp, 60Hz UL listed. \$034,501 \$29.95

Why Does This Amazing Space Pet or Cell Always Spin In A Counter Clockwise Direction?

Originally called "Celts" because their curious properties were first discovered by archaeologists studying prehistoric axes and adzes called Celts.

These rocks had a preferred direction of rotation. Spin the space pet the other way and it will stop, rock up and down on the long axis, and then reverse its spin. Hint: The round edge is an ellipsoid, with its axis aligned at an angle of about 5° to 10° from the main axis of the stone. Angular momentum is conserved, but it doesn't look it. Made of injection molded acrylic. Size: 3 1/8" x 3/4" x 1/2". Pkg. of 3 \$038,912 \$5.95

The Vanishing Leprechaun...Will Anyone Ever Solve This Mystery?

A fascinating illusion. We found it at a math teachers seminar. A 3x7" card with 15 leprechauns. With a "sight-of-hand" one leprechaun will vanish. Your friends will be mystified. Which one vanishes? Where did he go? when he comes back, where has he been? One of our most popular best-sellers! \$037,473 \$6.50

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Add Power To Your Model Boat With A Submersible Motor And Propeller.

Submersible motor directly to the bottom with suction cup or glue. Powered by one "AA" battery (not incl.). Internal motor turns a small 2 blade propeller, adjustable rudder. Measures 4 1/4" x 1 1/2". \$039,289 \$5.00

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. Over 100 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. Com-1 pack, measures only 12" Powered by 1 "AAA" battery, included. Frequency response 200Hz to 800Hz, output level 49 db maximum. Complete with padded microphone, amplifier and headphones. \$038,042 \$49.95

Build A Real Crystal Radio Kit.

Remember the golden age of radio? This crystal radio kit can bring back old memories...like listening to "The Eddie Cantor Show," "The Green Hornet," "The Lone Ranger" and more. You'll actually be able to listen to your local stations and even experiment with radio waves. Easy to build, no batteries or soldering needed. Complete with instructions and all parts. \$037,839 \$9.95

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 \$037,265 \$5.95

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" \$060,082 \$6.95

"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 \$039,001 \$13.95

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. \$037,832 \$15.50

Have You Ever Seen The Inside Of Your Eye?

Eyescopes are 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 32 page booklet included, describes the various features inside the normal eye, how the iris works, kinds of floaters and farsightedness, how to inspect contacts. \$033,538 \$29.95

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. \$034,968 (Package of 20) @ \$3.95 Ea. (5 Packages or more) @ \$3.70 Ea. (10 Packages or more) @ \$3.20 Ea.

Flying Bird From France.

This marvelous bird will bring hours of fun. Has a 16" wing-span and can fly up to 40 ft. high and a distance of 150 ft. Power is supplied by twist motion of rubber band. Adjust for up, down, swooping flight. Made of strong mylar, durable polypropylene with rubber back. \$042,720 \$8.95

Our Lowest Priced Laser Pointer, Only 7" Long. Perfect For Lecturers and Educators.

The Laserex Laser Pointer is a revolution in pointer design and affordability. Weighs only 2 ounces with battery, this pointer sets the standard for the industry. Add to this the convenience of its use and you have a product perfect for lecturers and educators. A boon for slide presentations, business and sales meetings. Battery life is approx. 5 hours on one set of either 3 "N" cells or 2 "AAA". \$039,737 \$125.00

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 1/4" long shafts. \$013,304 \$14.95

Give Flight To Your Model Airplane With Our Powerful, Miniature Motor (9500 RPM).

Barley larger than a pencil, this miniature permanent magnet motor runs at 9500 RPM with one 1.5V "AA" battery (not incl.), current with no load. 90 mA. Measures 3/4" L x 1/2" dia., shaft dia. 0.059" x 0.35". Battery holder attaches directly to motor. Overall length 2 1/4". Complete with miniature propeller. \$039,261 \$3.50

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. \$030,345 \$7.50

Metric Triple Balance Ohaus Scale With Single Pan Balance.

The classic weighing instrument, provides accurate weights year after year. Rugged construction, weighs 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"x6". \$071,695 \$93.00

Accessory Weight Set, expands scale to 2,610 cap. Incl. 1-500 and 2-1,000 gr. wts. \$041,766 \$24.95

Build A Working Replica Of The Steam Engine Popular In The 1800's.

Steam engines, the workhorse of the 19th century, powered machinery, farm equipment, the Stanley Steamer and trains that crossed the country. The simplest was the single stroke piston engine--power occurring when the piston moved in one direction. Kit has everything needed to recreate a working replica--from crank shafts, cylinder, piston, boiler parts, nuts, bolts, gaskets, etc. Including pellets, fully illustrated instructions. Kit, \$072,202 \$74.95

20 Fuel Pellets \$042,324 \$6.95

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 1/4"x4 1/4". Easy to mount. Uses 2 "AA" batteries (not incl.). Complete with 10' probe sensor cord. Reg. \$46 on sale \$38,038 \$30

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It's hard to put down once you see it. The 5 balls swing back and forth, suspended by monofilament in a wood frame. \$033,739 \$22.95

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Throw this 2 1/2" durable plastic ball into the air and it will drift safely back to earth with the 20" diameter parachute that is enclosed within the ball. Space balls are fun and educational. \$036,313 \$3.50

2 or more \$2.95 each

The Handboiler, A Demonstration Of Physics.

Watch the liquid contained within the glass chambers appear to "boil" from the warmth of your hand that increases the vapor pressure within the chambers. The warmer your hand, the better it works in this unusual demonstration of physics. \$037,299 \$3.95

Make Your Own Wind 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 \$037,592 \$3.95

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 1/4"x3 1/4". Made with a Poly-Vinyl Chloride coating to resist corrosion and chipping. \$071,135 \$33.95

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• Amazing flying bird

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

Authentic 1/150th scale model of the German Type VII C 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. \$038,412 \$22.95

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. \$072,147 \$59.95

This Clever Gadget Will Tell You How High You Are

Whether you're driving cross country or hiking in the mountains, this Altimeter will tell you how high you are. Shows elevation from sea level to 15,000 feet. Can be mounted to dashboard with self sticking tape (incl.) or has pre-drilled screw holes. Also has built-in barometer. \$034,544 \$39.95

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

Our equilateral prism mounted in an attractive high tech positioning base catches the sunlight from your window and projects the ever-changing rainbow patterns over your walls, ceiling and floor. It's almost like being inside a multifaceted diamond. Glass equilateral prism is 2" (50mm) long with 1" (25mm) faces. Black plastic mount is 3"x1 1/4"x1 1/4". \$038,406 \$7.50

Perform Experiments With Equilateral Prisms Discovered By Sir Isaac Newton.

Prism discovery optics have three equal 60° angles, ideal for classroom demonstrations. Turn sunshine into rainbows, bend light, even make a periscope. You can perform Newton's basic dispersion of white light into the spectrum experiments. All made of optical glass. Face size is 25mm. \$031,861 \$5.35

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