

The Weekly Newsmagazine of Science

SCIENCE NEWS

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Ideal for birdwatchers, hunters, racing and sports fans. You'll never miss out on that rare bird sighting... or the big play... or the photo finish again. This compact 3 1/2" x 1 1/4" diameter straight-thru roof prism design monocular features all optical grade glass optics and a water resistant rubber coated body. Includes softcase and neckstrap.

SW52,121 \$24.95

Learn The Principles Of Weather Forecasting With A Working Anemometer.

Measure wind velocity and direction just like the meteorologists do. It's fun and easy to learn the basics of weather forecasting by building a real working model. Ideal demonstration kit for science fairs. 17 1/2" tall. SW36,266 \$23.95

Can You Tell Which Ball Is A Happy Bouncer, And Which Ball Is Not?

Two seemingly identical black spheres with marked differences in their physical properties. They have the same density, mass, color and appearance; yet when dropped to the floor one jumps wildly, the other is motionless. Marvelous thought provoker for disreputable event science. Fact sheet on physical and chemical properties plus experiments for classroom use included.

SW93,129 \$3.95/Pair; 10 Pairs or more \$3.50

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

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

SW38,400 \$7.95

Every Detail Of Your Eye Enlarged.

Check contact lenses and inspect your own eye with our unique close-up eye inspection mirror. Our precision radius mirror with front surface coating allows you to inspect your own eye by simply holding the mirror approximately 2 inches in front of your eye. Ideal for contact lens wearers or to inspect for irritant alien particles. Mirror is 2 inches in diameter with front surface aluminized coating.

SW39,152 \$9.95

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! 200 marbles per package.

SW34,968 (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" wingspan 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 beak.

SW42,720 \$8.95

The Perfect Environmental Science Teaching Kit... The Incredible Paper Making Kit.

Now you can be environmentally conscious and make your classroom gifts and craft activities from use paper materials. **Recycling just one three foot stack of newspapers can save one tree.** All you need is 30 minutes, a kitchen blender, water, a plastic container, and an oven and you can transform old newspapers into beautiful handmade paper. Kit comes complete. SW52,379 \$27.95

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 32 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. SW37,832 \$18.50

Go Fishing With This Mighty Magnet.

Lift up to 200 lbs. Fun to use around docks and bridges. A "must" for all who help retrieve metal objects that fall overboard. You'll be amazed at what you pull up. Wt. 2 lbs., measures 4x3 1/4x3 1/4". Made with a Poly-Vinyl Chloride coating to resist corrosion and chipping. SW71,135 \$34.95

Watch Caterpillars Grow Into Beautiful Lively Butterflies In This Butterfly Garden.

You'll watch nature at work as live caterpillars develop into beautiful butterflies. Kit includes colorful flight cage for butterflies, feeding kit, care instructions, fact sheet and a coupon to send for your culture of five caterpillars which will emerge as beautiful butterflies. SW38,465 \$22.95

10 Foot Solar Dirigibles Fly In The Sky When Exposed To Sunlight.

These 10x2 ft. mylar solar shuttle dirigibles will fly over houses and trees when exposed to the sun. Weighs only 2 ounces. SW35,864 \$4.95

Is Your Garden Soil Environmentally Safe? Now You Can Find Out With The Soil Test Kit.

A simple, economical kit for home gardening or soil science education. Rapid test procedures and laminated color charts give low-medium-high concentrations for nitrogen, phosphorus and potassium (15 tests each). A pH indicator and color chart cover the range pH 4.0-9.0 (30 tests). Kit comes complete with garden guide manual and soil handbook for interpreting test results and lime and fertilizer recommendations.

SW38,814 \$39.95

Build Your Own 8X Refractor Telescope Kit.

Powerful enough to show craters on the moon, Jupiter's moons and many stars not visible to the naked eye. Complete kit includes objective lens, eye lens, glare stops, kratboard tubes, star chart and instructions. Takes less than an hour to build an 18" long telescope. SW71,473 \$21.95

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 archeologists 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 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 1/4" x 1/8". Package of 3 SW38,912 \$5.95

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It projects a brilliant red laser dot to focus attention to slide presentations, charts, business and sales meetings at distances up to 150 feet. This compact pen style class IIIa laser pointer is crafted of the finest materials and built to the highest industrial standards. 8 hours continuous battery life, uses 2 "AAA" batteries (included), weighs less than 2 oz. Rated output: 3mW at 675nm.

SW52,442 PRICE BREAKTHROUGH! ONLY \$49.95

Illuminating 30X Magnifier-Microscope For Examining Stamps, Coins, etc.

Our new design improves this popular model. Carry it with you everywhere, measures only 5 1/4" x 1 1/4" x 1/4". Ideal for critical inspections. Has a built-in light source and optics to let you examine objects 30 times actual size. Features a center focus wheel for precise one-hand operation. Ideal for industrial inspections and hobby applications. Uses 2 "AA" batteries (not incl.). SW35,001 \$9.50

Build Your Own Solar Laboratory.

Use nature for energy and demonstrate 150 experiments by building a solar furnace, electronic thermometer, solar energy mobiles, more patterns and a stroboscope. Experiment with photosynthesis and producing electricity. **Ideal for science fairs.** Kit comes complete with a DC electric motor, 500 mAmp solar cell, 50 micro amp voltmeter, solar water heater, parabolic reflector, strobe disc, magnifying glass, thermometer, LEDs, diodes and test tube. SW31,325 \$39.95

Solar Panel Electronics Project Wins Top Honors In Science Fair Demonstration.

We've assembled basic parts in this modular component kit to help you get rave reviews with your demonstration of solar panel electronics. Kit includes 8 modular cells each 0.4V/100mA output which can be assembled in parallel or series to make many different output panels to power electronics such as a calculator, radio or cassette player. Many combinations from 3.2V/100mA - 0.4V/800mA. Kit also includes 1.5V/200mA solar mini motor, miniature fan blade, lead wire, mounts and instructions. Educational Science Fair Solar Panel Kit (Bulb and fixture not included). SW39,807 \$19.95

Tips Of Blow Darts Were Coated With Poison Found In The Skin Of These Rain Forest FROGS.

Designed in cooperation with the National Aquarium in Baltimore. Each colorfully handpainted frog is 2 1/4" long. The toxic poison found in the skin of these frogs has been used for centuries by Indians who use it to coat the tips of their blowgun darts before hunting to stun or kill their prey and by medical research to benefit mankind.

Set of 6 SW52,382 \$25.95 A \$29.70 VALUE!

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 principles 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. SW60,082 \$6.95

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Our Six Favorite Science Toys That Teach.

Classic science demonstration toys have amazed and intrigued young minds for many generations. You'll have fun and learn scientific demonstrations with them.

- Amazing Flying Bird A \$27.24 Value!
- Whirling Gyroscope
- Sun Powered Radiometer SW52,380
- Rainbow Maker SPECIAL \$19.95 PRICE
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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 included. SW50,345 \$7.50

Exciting Books For Science Fair Projects "700 Science Experiments For Everyone"

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 and diagrams. SW9301 \$13.95

"333 Science Tricks And Experiments"

Science students will find ideas for projects involving basic scientific principles, including inertia, gravity, magnetism and the mysteries of chemistry in this well illustrated book. 208 pages, by Robert Brown - uses inexpensive materials with step-by-step instructions. SW9703 \$9.95

"333 MORE Science Tricks And Experiments"

"333 MORE Science Tricks And Experiments" 222 pgs. SW35,838 \$10.95

Build Your Own Hot Air Balloon That Will Actually Rise 200 Feet.

When inflated, this 12 foot colorful balloon will rise above the houses and trees and you'll feel as excited as the Wright brothers at Kitty Hawk. It will even lift a "payload" of 1/2 pound. Kit includes 10 pre-cut poles, 12 gauge wire for ring and core. 12 Ft. Kit. SW31,333 \$19.95

Go Rock Exploring With Our Geologist's Professional Starter Kit.

You'll have professional tools to discover individual rock types, fossils in rocks and rock formations with Estwing's lightweight, all-steel geological pick, chisel and safety goggles. Kit also includes the Edmund 4X-6X-10X folding pocket magnifier and a Silva liquid-filled precision compass. Reg. \$57.95

Rockhound Special! SAVE \$8 SW52,472 \$49.95

Mineral Test Kit For Rocks.

Students will learn about rock, mineral and fossil identification with this kit. Comes complete with streak plate, hand lens, dropper bottle, magnet, nail, penny and hardness scale. SW52,473 \$6.95

Create A Magic Fountain.

A science demonstration! Using two empty one liter soda bottles and our fountain device you can create a magic fountain that seems to defy gravity.

SW39,997 \$3.95

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's piezo effect.

Pack of 3 bags (6 rocks) SW37,474 \$8.50

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 can be carried with you in your pocket. Built-in weather barometer to warn you of impending storms (incl.). SW34,544 \$39.95

A Bird Watchers Delight... Wild Bird Feeder.

Now you can have hours of fun watching wild birds feed in your backyard. It's easy, just recycle a 2-liter plastic soda bottle into a bird feeder by making a hole for the wire hanger on both sides of the bottle. Fill bottle with bird seed and twist on the zinc zinc adapter. It can be hung or mounted to a pole. SW52,431 \$13.95

Attract And Feed Many Butterflies With The World's First Butterfly Feeder.

Unique field-tested feeder attracts beautiful butterflies. Designed to last many seasons, made of high impact U.V. stable plastic. It can be hung or post mounted. Leak proof and bee proof reservoir holds up to 12 oz. of sugar water nectar. Ants cannot reach the nectar due to built-in ant moat. Easy to assemble and clean. SW52,424 \$16.95

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