

The Weekly Newsmagazine of Science

SCIENCE NEWS

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Cruising Into the Ozone Hole

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The Applied Laser Systems' 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 (it clips onto your shirt pocket like a pen) and you have a product perfect for lecturers and educators. A boon for slide presentations, business and sales meetings. Battery life is over one hour with continuous use. \$R38,914 \$19.99

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" f.l., 50 lines per inch, measures 10 1/2" x 10 1/2" x 1/8" thick. Unmounted lens comes with 16 page book, "Fun With Fresnel Lens". Instructions included on how to build the 360° stand and frame shown. \$R70,533 \$26.50

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

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Accessory Weight Set, expands scale to 2,610 gram, incl. 1-500 and 2-1,000 gr. wts. \$R41,766 \$24.95

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

The Amazing Space Pet is a revolutionary wonder of mystifying properties of geometrics and physics. When tapped or rocked, it will begin to spin counter clockwise. When spun clockwise, it will reverse direction. A true wonder of nature. Made of injection molded acrylic polystyrene. Package of 3. \$R38,912 \$5.95

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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, 18 minutes!" Challenge your skills, spin the coin back up the tunnel or spin it upside down, plus more. Made of tough polystyrene. Instructions included. \$R37,832 \$14.95

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Motors By The Bag For Hobbyists, Modelmakers.

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

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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 fully illus. instructions.

Kit. \$R72,202 \$69.95
Fully assembled, \$R35,920 \$87.95

Super Snooper™ Electronic Sounds From Over 40 Feet Away!

Kids will have fun with the Super Snooper electronic toy that gives you 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

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250 Assorted Stars That Glow In The Dark Turn Any Wall Or Ceiling Into The Night Sky.

Assortment of 250 luminous stars that glow in the dark on ceiling or wall. Your students will enjoy receiving these "star" gifts that will light up a 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. \$R9521 Package of 250, only \$4.50

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". \$R60,082 \$6.95

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. \$R37,265 \$5.95

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 crank shaft rotate, valves plug light up, spark open and close, rods and pistons move. Easy to build, requires model glue for assembly, takes two "C" batteries (not incl.). Complete with stand. \$R70,448 \$42.95

Mini-Vac, The Powerful Micro Cleaning System. For Your Fine, Expensive Equipment.

Dust and dirt is the enemy of your camera, lenses, stereo, computer, typewriter and office machines. This powerful micro cleaner removes minute dust particles from hidden areas. Comes with 2 wands for getting into hard-to-reach corners, cloth bag and 2 soft brushes. Powered by a single 9V battery (not incl.). \$R33,806 \$24.95

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. \$R38,412 \$22.95

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 \$R42,099 \$4.25

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. Weights only 2 ounces. \$R35,864 \$4.95 Each

Our Intelligent Yo-Yo With A "Brain." It's The Longest Spinning Yo-Yo Around!

A simple flick of the wrist preprograms this patented yo-yo, allowing it to spin freely at the end of the string. Suspended, you can do tricks, such as "Walk The Dog," "Rock The Baby," "Brain Twisters" and more. It operates on a centrifugal clutch principle that allows it to spin faster and longer than any other yo-yo before returning to the user's hand. Precision engineered, the clear plastic body shows the clutch in action. \$R36,213 \$10.95

Digital Thermometer Reads How Cold It Is Outside.

This new high-tech marvel reads temperature in your home and outside, too. Can be wall mounted—just extend the 5 ft. wire sensor out the window and close the window. Operates on one 9V battery (not incl.). Readings from -40°F to 199°F, measures 2x3x2 1/4". \$R34,005 \$28.95

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

Make any room into a psychedelic party room with this amazing 33 watt blackout light. Comes with 2 day-glo 20x28" posters (Dance Fever and Star Wars Attack) that come alive in blacklight with vivid colors. Easy to install, all electrical parts are built into the ends. 2 1/2x4x28 1/2". Complete with 6 ft. cord, on-off switch, mounting bracket and instructions. \$R4,501 \$29.95

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 1/4x3 1/4". Made with a Poly-Vinyl Chloride coating to resist corrosion and chipping. \$R71,135 \$32.95

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. \$R72,147 \$52.95

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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—its 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 800Hz, output level 49 db maximum. Complete with padded microphone, amplifier and headphones. \$R38,042 \$49.95

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