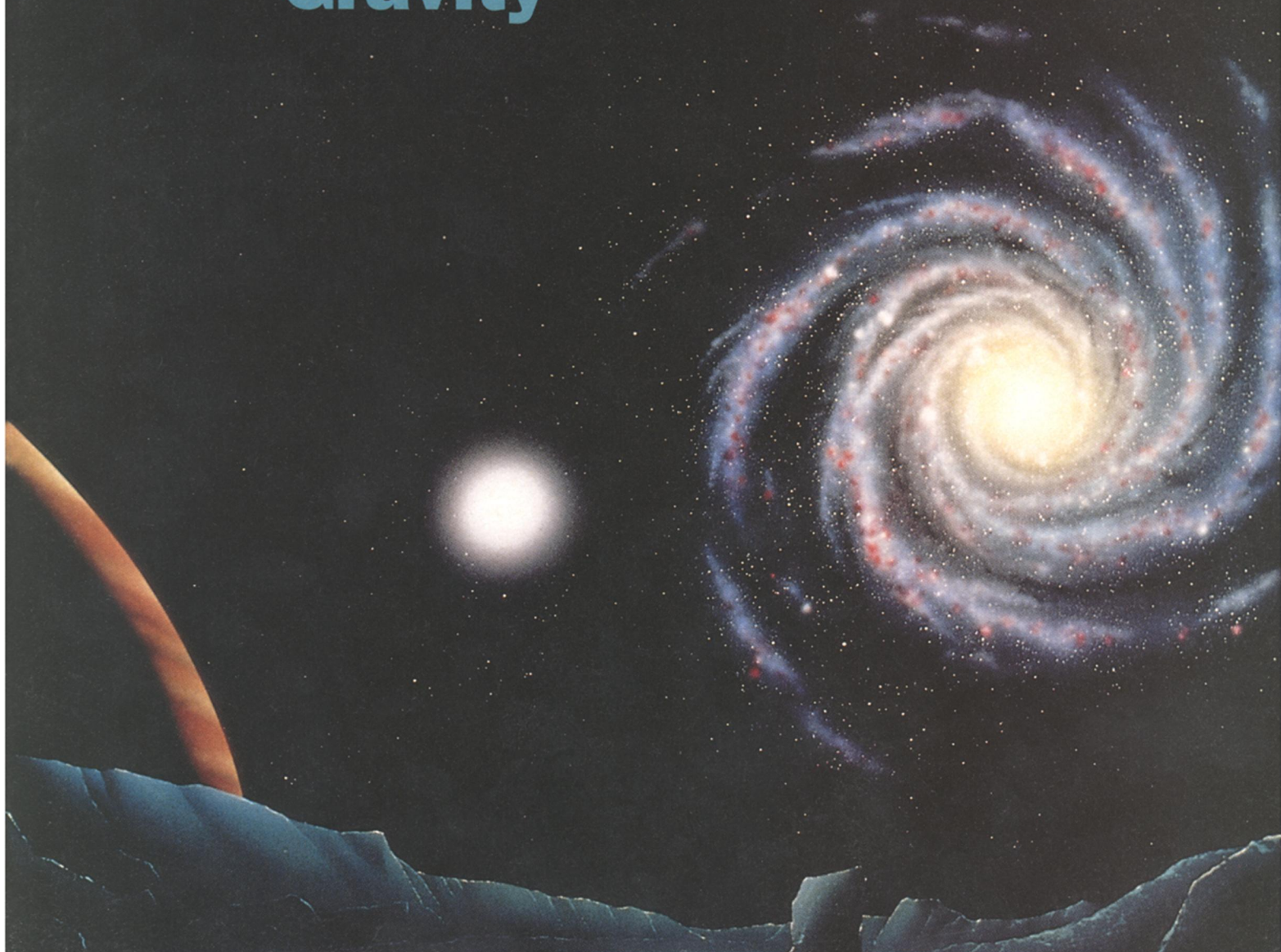


The Weekly Newsmagazine of Science

SCIENCE NEWS

December 3, 1994
Vol. 146, No. 23
Pages 369-384

Attractions of Gravity



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

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Reg. \$46 SD38,038 on sale \$30



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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, 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. **SD37,532 \$18.50**



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. You and your friends will enjoy viewing these "stars." They'll light up a room with the beauty of glowing stars and you'll 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.

SD9521 Package of 250 \$4.50



Build Your Own Motorized Walking Robot.

A Capsula discovery toy can be an exciting introduction to robot technology and engineering. You'll be able to build a slow-motion robot and, at your command, watch it move forward or backward in perfect calibrated balance. It almost becomes alive! Contains complete instructions and 38 interlocking parts.

SD39,858 \$29.95



Metric Triple Balance Ohaus Scale With Single Pan Balance.

The classic weighing instrument provides accurate weights year after year. Rugged construction, weigh anything - liquids, solids or live animals. Three tiered, notched beams (100-550, 10-100, 0-10 grams) have center readings, sliding poises. 610 gram capacity. Stainless 6" platform 18x6x6". SD71,895 \$95. Acc. Wt. Set, expands scale to 2,610 cap. including 1-500 and 2-1000 gram wts. SD41,786 \$26.00



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.

SD9301



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!

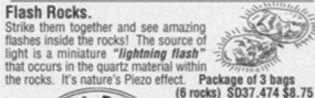
20 marbles per package. SD34,968 (Package of 20) @ \$3.95 Ea. (5 Packages or more) @ \$3.70 Ea. (10 Packages or more) @ \$3.45 Ea.



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 Pizze effect.

Package of 3 bags (6 rocks) SD37,474 \$8.75



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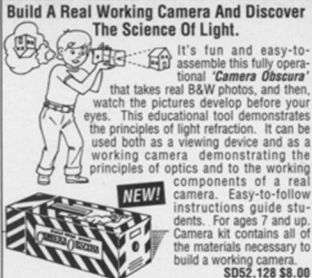
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Build A Real Working Camera And Discover The Science Of Light.

It's fun and easy-to-assemble this fully operational "Camera Obscura" that takes real B&W photos, and then, watch the pictures develop before your eyes. This educational tool demonstrates the principles of light refraction. It can be used both as a viewing device and as a working camera demonstrating the principles of optics and to the working components of a real camera. Easy-to-follow instructions guide students. For ages 7 and up. Camera kit contains all of the materials necessary to build a working camera.

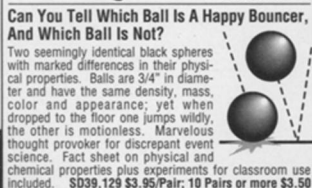
SD52,126 \$8.00



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. Balls are 3/4" in diameter and 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 discrepant event science. Fact sheet on physical and chemical properties plus experiments for classroom use included.

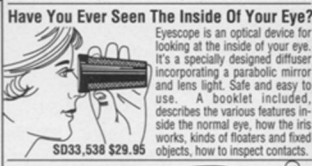
SD39,129 \$3.95/Pair; 10 Pairs or more \$3.50



Have You Ever Seen The Inside Of Your Eye?

Eye scope 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 booklet included, describes the various features inside the normal eye, how the iris works, kinds of floaters and fixed objects, how to inspect contacts.

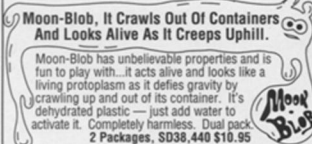
SD33,538 \$29.95



Moon-Blob, It Crawls Out Of Containers And Looks Alive As It Creeps Uphill.

Moon-Blob has unbelievable properties and is fun to play with...it acts alive and looks like a living protoplasm as it defies gravity by crawling up and out of its container. It's dehydrated plastic - just add water to activate it. Completely harmless. Dual pack.

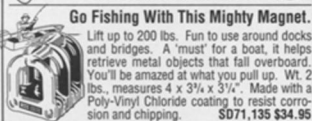
2 Packages, SD38,440 \$10.95



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 4 x 3 1/4 x 3 1/4". Made with a Poly-Vinyl Chloride coating to resist corrosion and chipping.

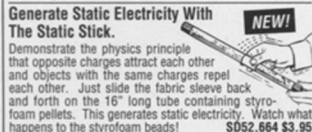
SD71,135 \$34.95



Generate Static Electricity With The Static Stick.

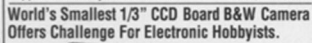
Demonstrate the physics principle that opposite charges attract each other and objects with the same charges repel each other. Just slide the fabric sleeve back and forth on the 16" long tube containing styrofoam pellets. This generates static electricity. Watch what happens to the styrofoam beads!

SD52,664 \$3.95



World's Smallest 1/3" CCD Board B&W Camera Offers Challenge For Electronic Hobbyists.

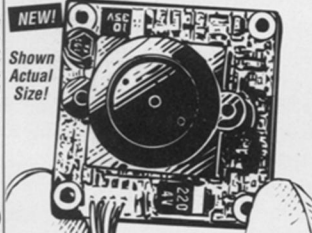
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Projects Miniature Details On Your TV Monitor.

Our miniature breadboard-type CCD B&W camera (1.26" x 0.75" thick) for machine vision, instrumentation and OEM applications can open doors for your creative imagination. Unit features a 3.7mm pinhole lens built into the breadboard assembly. Wired for 9V DC input and video output, with an automatic electronic shutter. Field of view is 45° (V) x 60° (H) with 32mm x 32mm dimensions. You can observe miniature details on a TV monitor (not incl.) from a range of only inches away to up to 15 feet with a 0.3 Lux minimum illumination. Many applications - limited only by your imagination - from home or office security, robotics, machine vision, etc. SD52,569 \$195.00



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.

SD60,082 \$6.95

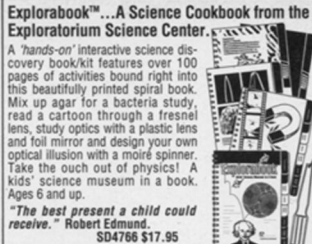


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A hands-on interactive science discovery book/kits features over 100 pages of activities bound right into this beautifully printed spiral book. Mix up agar for a bacteria study, read a cartoon through a Fresnel lens, study optics with a plastic lens and foil mirror and design your own optical illusion with a moiré spinner. Take theouch out of physics! A kids' science museum in a book. Ages 6 and up.

"The best present a child could receive." Robert Edmund.

SD4768 \$17.95



Solar Powered Flying Dragonfly Kit Makes A Great Science Project.

Easy to assemble kit comes complete with two ABS resin molded dragonfly bodies and realistic patterned transparent wings that really move. Both dragonflies are powered by a Solar Battery Panel (Tamiya 0.5 volt 1200 mA) and Solar Motor (Tamiya 02 type). All components mount onto a stationary plastic stand. Dimensions: length 4.6", width 3.1", height 10".

SD52,608 \$48.95



COMPACT LASER POINTER

Our Lowest Price Ever!

This bank automatically separates, stacks and counts coins. Just drop in 1 to 15 coins and watch the motor automatically turn on. The conveyor begins to pulse, coins march and pulse as they flip from heads to tails, then magically are stacked and counted into proper columns. Holds full rolls of pennies, nickels, dimes and quarters (\$17.50 total). Requires 1 "C" battery (not incl.). Made in the USA.

SD52,622 \$24.95



NEW! PRICE BREAKTHROUGH \$49.95

Lightweight, Measures Less Than 5.5"

Ideal for lecturers, presentations, educators, instructors, annual meetings and slide shows.

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. Caution: Laser light, avoid direct eye exposure.

SD52,442 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 included). SD35,001 \$9.50



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 sill 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. Black plastic mount is 3"x1 1/4"x1 1/4".

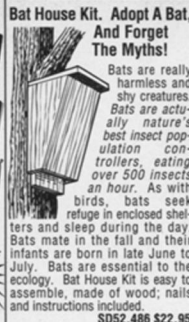
SD38,400 \$7.95



Bat House Kit. Adopt A Bat, And Forget The Myths!

Bats are really harmless and shy creatures. Bats are actually nature's best insect population controllers, eating over 500 insects an hour. As with birds, bats seek refuge in enclosed shelters and sleep during the day. Bats mate in the fall and their infants are born in late June to July. Bats are essential to the ecology. Bat House Kit is easy to assemble, made of wood; nails and instructions included.

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Motorized Coin Bank Factory Makes Saving Money Fun.

NEW!



Squeeze The Bottle And Hook The Sinker.

NEW!

A classic science experiment demonstrates the properties of air, named after the scientist Rene Descartes. Air has weight, exerts pressure, and can be squeezed or compressed. The Cartesian Diver demonstrates all three properties. The diver will float or sink in the bottle of water depending on the water level; the water level inside of the diver rises because the pressure squeezes the air into smaller space. Place the Hook into the bottle. Squeeze the bottle and Hook the Sinker!

Kit of 2 Divers SD52,965 \$6.25



Slinky Crazy Eyes.

NEW!

Crazy laughable eyes for old and young alike. Each "eyeball" is attached to a small slinky. Shake your head gently and your "new" eyes spring out from your head! Red bendable plastic frames. For ages 5 and up.

SD52,803 \$3.45

Slinky Fun Pack includes one pair of Crazy Eyes and the "Original" Slinky that walks down stairs. SD52,804 \$5.95



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

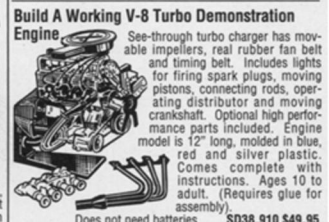
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See-through turbo charger has movable impellers, real rubber fan belt and timing belt. Includes lights for firing spark plugs, moving pistons, connecting rods, operating distributor and moving crankshaft. Optional high performance parts included. Engine model is 12" long, molded in blue, red and silver plastic. Comes complete with instructions. Ages 10 to adult. (Requires glue for assembly.)

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You'll learn about aquaculture and the growing of 'real live' lobsters. The lobster lab is a three story aquarium designed to house nine baby lobsters in an aquarium condominium fabricated from Lucite. Kit includes a circulating pump, complete biological filtration system, lobster food, instruction manual and a full color illustrated story book called *Amy's Aquaculture Adventure*. Included is a lobster coupon to send for your nine baby lobsters which are express mailed to your home (handling fee add'l). When the lobsters are too large for the aquarium, return them to the Aquatic Farm and new baby lobsters will be shipped to you. The large lobsters are then released back into their natural habitat.

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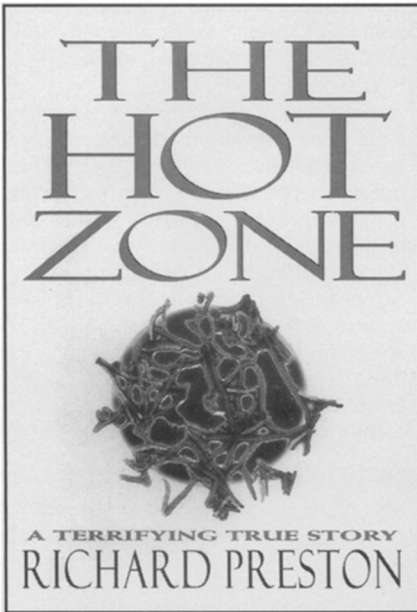
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