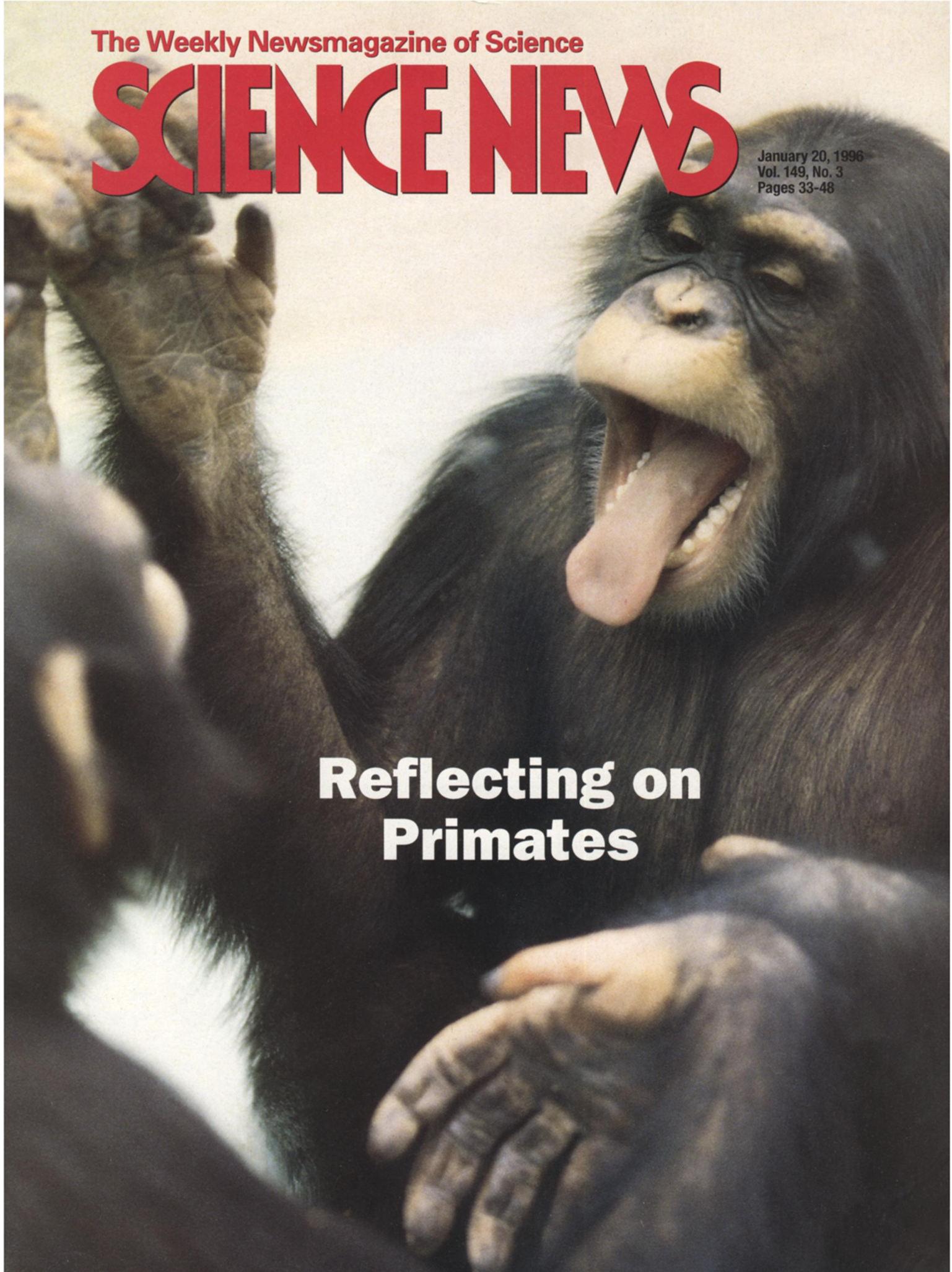


The Weekly Newsmagazine of Science

SCIENCE NEWS

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Vol. 149, No. 3
Pages 33-48



**Reflecting on
Primates**

Science and fun come together

IN THIS UNIQUE COLLECTION OF SCIENTIFIC, EDUCATIONAL AND ENTERTAINING PRODUCTS.

Build your own intelligent robot with fascinating ROBOT KITS

These affordable robot kits teach the basic principles of robotic sensing and locomotion... an adventure that's challenging and exciting. Each kit features pre-assembled PC boards, hardware, mechanical drive systems and complete easy-to-follow step-by-step instructions with diagrams. Only basic tools are required for assembly.



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NP34,355

LINE TRACKER ROBOT

A robot that follows a black line drawn on white paper. The eye of the Line Tracker is a photo interrupter which projects and receives infrared rays. Black absorbs infrared rays, white reflects them. Features infrared sensor including IR diode/photo diode/1 C, 2 DC motor movement and pre-assembled circuit board. Powered by one 9V and 2 "AA" batteries (not included).

HYPER PEPPY ROBOT

A spunky little robot for ages 10 and up, Hyper Peppy is an intelligent robot with a touch/sound sensor. If it comes in contact with an object or hears a loud noise (such as hands clapping), it automatically reverses, then turns left before embarking on a new course. Kit contains pre-assembled printed circuit board, condenser microphone and easy to assemble mechanical drive system.



\$29.95
NP52,864

PROGRAMMABLE WAO II ROBOT

An intelligent robot that moves according to your program, draws straight lines and accurate circles. Utilized two sensors and 2 DC motor movements. Features 26 keys input, 96 x 4 bit RAM, 1K ROM micro computer, pre-assembled printed circuit board. Powered by one 9V and 3 "AA" batteries (not included).



Interface Software Kit
(shown above WAO II robot) for Apple II, IIE, II+, GS NP39,273 \$49.95

\$124
NP36,631



\$46.95
NP36,633

MEDUSA ROBOT HAS AN ELECTRONIC BRAIN

At your command, Medusa starts to hobble on its four legs. Stops automatically after a preset time. You register your command through a sound sensor, including a condenser microphone and transistor. Two crankshaft legs on each side. Powered by two 1.5V "N" batteries (not included). Clear plastic body.

NEW! ROBOTS

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Our Six Popular Favorite Science Toys That Teach.

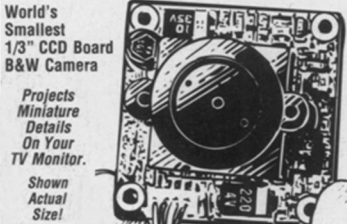
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Classic science demonstration toys have amazed and intrigued young minds for many generations. You'll have fun and learn scientific demonstrations with them.

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- Sun Powered Radiometer • Rainbow Maker • Space Pet

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Ideal for bird watchers, hunters, racing and sports fans. You'll never miss out on that rare bird sighting... big play... or photo finish again. Compact 3/4" x 1 1/4" dia. straight-thru roof prism design monocular features all optical grade glass optics and a water resistant rubber coated body. Soft case & neck strap incl. On SALE Reg. \$27.95 NP52,121 \$24.95



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Projects Miniature Details On Your TV Monitor. Shown Actual Size! Our miniature breadboard-type CCD B&W camera (1.26" x 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 9 volt 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 included), 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/office security, viewing hard-to-see areas, robotics, machine vision, etc. NP52,569 \$230.00

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 windowsill 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" x 1 1/4" x 1 1/4". NP38,400 \$8.75

Locate Your Distance From As Far As The Eye Can See... With Our Pocket-Size Rangefinder.

Precision made, pocket-size, easy-to-use stadiometric measuring device is ideal for navigators, hikers, hunters, golfers, surveyors and engineers. Measures from 6 feet to as far as the eye can see, accurate within 2%. Provides a direct reading on a slide-type calculator in yards, statute or nautical miles or can be converted to metric. Water and corrosion proof. Non-magnetic, 4" diameter, 1 1/4" thick, weighs 5 oz. Comes complete with neck strap and instructions. NP34,826 \$69.95

An Experiment Book For Prize Winning Science Fair Projects.

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, featuring optical projection, electricity, chemistry, astronomy, magnetism, geology, physiology and more. Describes experiments with easy-to-follow instructions and diagrams. 251 pages NP301 \$16.95

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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. All prism faces are 25mm. 75mm, NP31,797 \$5.75
25mm, NP39,124 \$4.45
50mm, NP31,801 \$5.35
100mm, NP31,798 \$6.85
150mm, NP31,799 \$9.25

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 artificial or direct sunlight. An attractive conversation piece. Plain Glass Radiometer NP60,082 \$7.95 Silvered Radiometer NP60,529 \$13.95

This Clever Gadget... Will Tell You How High You Are.

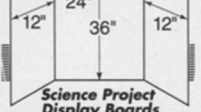
Whether you're driving cross country or hiking in the mountains, this Altimeter will tell you how high you are. Shows elevation from sea level to 15,000 feet. Can be mounted to dashboard with self sticking tape (incl.) or can be carried with you in your pocket. Built-in weather barometer to warn you of impending storms (included). NP34,544 \$33.95

Have You Ever Seen The Inside Of Your Eye?

Eyescopes 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 in-side the normal eye, how the iris works, kinds of floaters and fixed objects, how to inspect contacts. NP33,538 \$29.95

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Is IQ destiny? Not nearly as much as we think. Daniel Goleman's fascinating and persuasive book argues that our view of human intelligence is far too narrow, ignoring a crucial range of abilities that matter immensely in terms of how we do in life.

Drawing on groundbreaking brain and behavioral research, Goleman shows the factors at work when people of high IQ flounder and those of modest IQ do surprisingly well. These factors add up to a different way of being smart—one he terms "emotional intelligence." Emotional intelligence includes self-awareness and impulse control, persistence, zeal and self-motivation, empathy and social deftness.

As Goleman demonstrates, the personal costs of deficits in emotional intelligence can range from problems in marriage and parenting to poor physical health.

But the news is hopeful. Emotional intelligence is not fixed at birth. Goleman's argument is based on a highly original synthesis of current research, including new insights into the brain architecture underlying emotion and rationality. He shows precisely how emotional intelligence can be nurtured and strengthened in all of us. And because the emotional lessons a child learns actually sculpt the brain's circuitry, Goleman provides detailed guidance as to how parents can best use this window of opportunity in childhood.

The message of this eye-opening book is one we must take to heart: the true "bell curve" for a democracy must measure emotional intelligence. Daniel Goleman offers a new vision of excellence and a vital new curriculum for life. — from Bantam

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