

# SCIENCE NEWS BOOKS

## *Holiday Gift Collection 1993*



### **The Encyclopedia of Herbs, Spices, & Flavorings**

**A Cook's Compendium**

*by Elisabeth Lambert Ortiz*

This comprehensive sourcebook features information on more than 200 herbs, spices, essences, edible flowers and leaves, aromatics, vinegars, oils, teas, and coffees—virtually every seasoning a cook might want to use. Every entry contains instructions on how to use each ingredient, the ingredients' affinity with other flavorings or foods, special preparation techniques, and decorative uses. More than 750 spectacular full-color photographs show precisely what each ingredient looks like and how to use it effectively.

1992, 288 pages, 9 1/2" x 11 1/4", hardcover

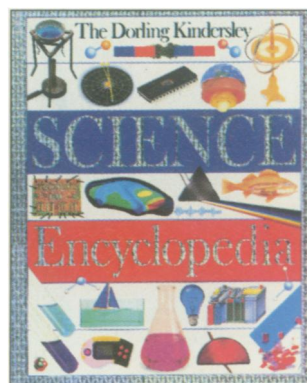
**\$34.95 EncyHerbsSpH**

### **The Dorling Kindersley Science Encyclopedia**

Here is the ultimate guide to science and technology for the nineties and beyond. Packed with up-to-date information, this encyclopedia explains the principles of science in a lively and exciting way. More than 280 major entries cover key subjects such as evolution, energy, polymers, and pollution, while 1,900 subentries include biographies of great scientists and inventors, timecharts, and factboxes on subjects of general scientific interest. And, more than 2,500 full-color photographs, detailed artworks, and informative maps and charts bring scientific knowledge to life.

Recommended for age 8 and up. 1993, 448 pages, 8 3/4" x 11", hardcover

**\$39.95 ScienceEncyH**



### **Newton's Clock**

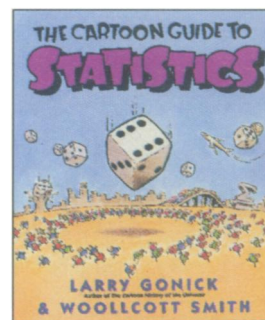
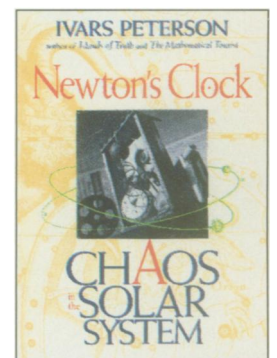
**Chaos in the Solar System**

*by Ivars Peterson*

The latest mathematical mystery from premier *Science News* mathematics/physics writer Ivars Peterson is the story of the search for order in the workings of the solar system. From the speculations of ancient astronomers to Newton's revolutionary models to the most recent investigations of chaos in the heavens, discover the human limits and computational triumphs that mark the steps toward the new vision of the solar system. A fascinating look at the relationship of mathematics, astronomy, and our desire to understand the universe.

Every copy autographed by the author! 1993, 317 pages, 6 1/4" x 9 1/2", hardcover

**\$22.95 NewtonClockH**



### **The Cartoon Guide to Statistics**

*by Larry Gonick and Woolcott Smith*

If you have ever looked for P-values by shopping at P mart or tried to watch the Bernoulli Trials on People's Court, then you need *The Cartoon Guide to Statistics* to put you on the road to statistical literacy. All the central ideas of modern statistics are included and are explained in simple and even funny illustrations.

1993, 230 pages, 7 1/2" x 9 1/4", paperback

**\$13.00 CartoonStats**

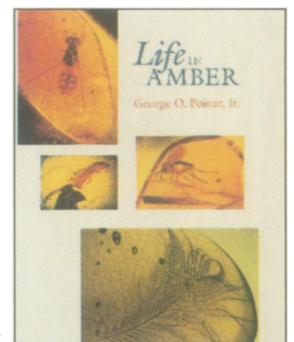
### **Life In Amber**

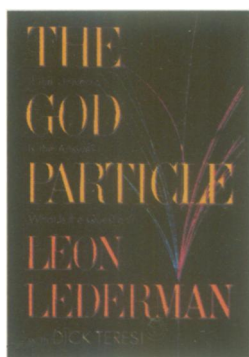
*by George O. Poinar Jr.*

Fossils preserved in amber have captured many fragile organisms in their complete state. This book is a compendium of what scientists know about life found in amber fossils from formation and history to the locations of large deposits and the evolutionary insights that can be gained from the study of amber fossils. Also learn about the possibility of viable DNA persisting in some amber-trapped organisms. This high-quality book contains color plates and many black-and-white photographs.

1992, 350 pages, 6 1/4" x 9 1/4", hardcover

**\$55.00 LifeAmberH**





## The God Particle

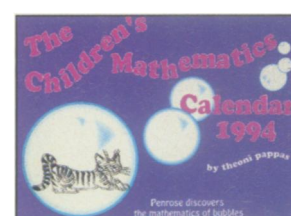
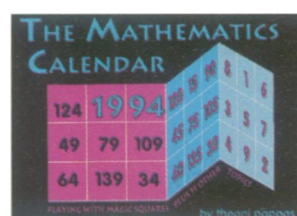
If the Universe Is the Answer, What Is the Question?

by Leon Lederman with Dick Teresi

One of the foremost experimental physicists in the world draws here on a lifetime of research to illuminate the mysteries of matter, making them at last understandable to everyone. Many in a long string of

Eureka moments in the quest for unlocking the last secrets of the universe are brought forth here—from the work of Galileo and Faraday to the particle accelerator. Lederman further explains how accelerators work and argues passionately for the need for this machine that can find the ultimate atom: the God Particle, which orchestrates the cosmic symphony and which scientists hope will reduce the laws of physics to an equation so simple that it can fit on a T-shirt.

1993, 434 pages, 6 1/4" x 9 1/4", hardcover  
\$24.95 GodParticleH



## Mathematics Calendars 1994

Each day offers a new problem (mathematical, of course). The solutions correspond to the date. A good way for adults to keep sharp and for children to enrich math skills. Topics in the adult calendar include "Sculpture and Math," "Hexagons and Nature," and "Playing with Magic Squares." Children learn about "The Binary Cards," "The Rise and Fall of Roman Numbers," and "The Tri-hexa-flexagon."

12" x 18"

\$8.95 MathCal94

Recommended for ages 6 to 12. 11" x 17"

\$8.95 ChildCal94

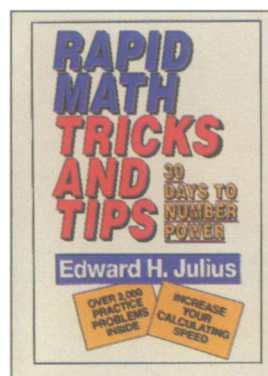
## Rapid Math Tricks and Tips

30 Days to Number Power

by Edward H. Julius

Learn how to whiz through common (and some not-so-common) math problems without a calculator. In fact, with the fun, easy-to-learn techniques in this book, you'll be able to master difficult arithmetic problems—often in less time than it takes to use a calculator! Calculate the tip in a restaurant in a flash. Tabulate the total in the supermarket checkout line faster than the cashier can add it up on the register. Includes a 30-day program for building skills, as well as more than 2,000 sample and practice problems in multiplication, division, addition, and subtraction.

1992, 229 pages, 7" x 10", paperback  
\$12.95 RapidMathTip



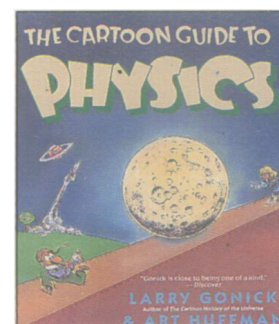
## The Cartoon Guide to Physics

by Larry Gonick and Art Huffman

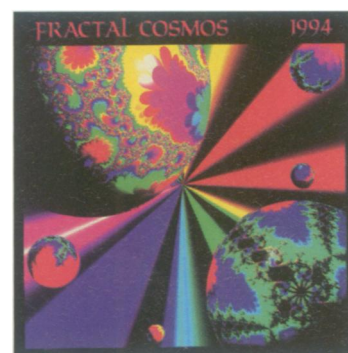
If you think a negative charge is something that shows up on your credit card bill or that Newtonian mechanics will fix your car, you need *The Cartoon Guide to Physics*. With clear and simple illustrations, it explains the principles of mechanics, electricity, and magnetism. Physics will never be the same!

1991 (rev. ed.), 212 pages, 7 1/4" x 9 1/4", paperback

\$10.00 CartoonPhys



## Fractal Cosmos Calendar 1994



An all-new edition of this perennial favorite features 12 glorious fractal images—works of art produced from the union of simple mathematical formulas and modern computer technology.

11 1/4" x 22 1/2"

\$10.95 FractalCal94



## Casio Flip-Top Data Bank Watch

Never lose another telephone number! This attractive watch features a three-hand analog face to tell time, and look what's underneath: a calculator and data bank capable of storing 50 telephone numbers. The face of the watch is so slim no one but you will know the data bank is there.

\$59.95 WatchFlipTop



## Mini-Labs

Don't let a child's interest in invention and discovery go untapped! Kids will love these mini-labs, each of which explores a specific field of science and provides the materials necessary to build a working scientific model. Fun to build, fun to use. (D batteries not included.)



### Electro-Magnetix

Enter the strange world of magnetic and electro-magnetic forces with more than 30 experiments, magic tricks, and games, plus the simplest, yet most mysterious electromagnetic motor ever built!

**\$9.50 LabElMagnet**



### Electric Motor

No tools needed, just curiosity, to make this powerful electric motor. And it's fun to use as it powers its own motorboat!

**\$9.50 LabElMotor**



### Crystal Radio

Remember the golden age of radio? Now you can build your own working crystal radio, pick up radio stations, and experiment with radio waves.

**\$9.50 LabCrysRadio**

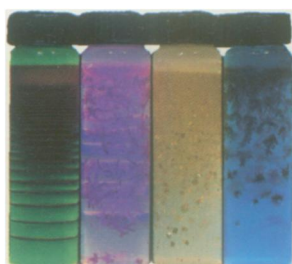


### Electric Bell

An introduction to the basics of electric circuitry. Use this model as a telegraph, or change the circuit and use it as a bell or buzzer.

**\$9.50 LabelBell**

**Recommended for age 8 and up. Buy all four kits and save.**  
**\$33.95 SetMiniLabs**



### Crystal Magic Kits

Watch geodes form before your very eyes! Crystals in these sets grow in a silica gel and simulate the growth of natural mineral crystals as they form under the Earth's surface. Good projects for beginners because they are simple to complete. Reactions begin within 24 hours and continue indefinitely. Four varieties pictured from left: Saucer Invasion, Aurora Borealis, Stardust, Ocean Bloom.

**Recommended for age 10 & up with supervision.**  
**\$8.50 each SaucInvKit, OceanBKit, StardustKit, AuroraBKit, or buy all four and save. \$29.50 SetCryMagKit**



### Smithsonian Chemistry Set Microchem XM 5000

Touted as the safest chemistry set made—there is no glassware, no alcohol burners, no flames! All of the experiments have been developed by top scientists, and only small amounts of chemicals are used to achieve results. Some of the experiments are qualitative, some are quantitative. This set includes 1,500 experiments and procedures plus a plastic carrying case that opens into a laboratory workstation.

**Recommended for age 10 and up.**  
**\$49.95 MicrochemXM5**

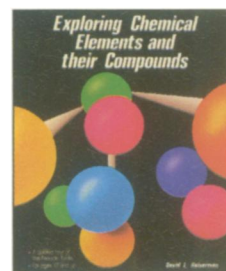
## Exploring Chemical Elements and Their Compounds

by D. L. Heiserman

This introduction to all 107 elements is the perfect guide for anyone looking to acquire a basic knowledge of the elements. Each element's comprehensive summary includes properties and characteristics, scientific and commercial applications, and historical background.

**Recommended for age 12 and up.**

**1991, 376 pages, 7 1/4" x 9 1/4", paperback**  
**\$17.95 ExplChemElem**

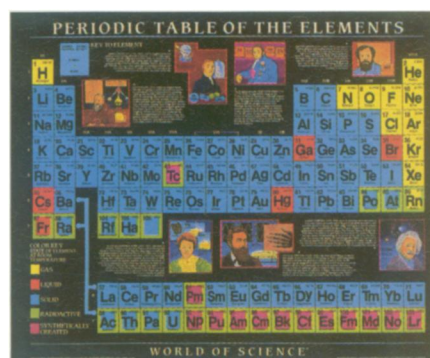


### Discovery Pak

It really is a world of discovery with these three great products in one package. Magna-Trix, Light Crystal, and Chandler Gyroscope provide hours of wonderful intrigue and fun. It's a unique collection in which the mysteries of gravity, light, and magnetism are revealed right before your eyes.

**Recommended for age 6 and up.**

**\$11.50 DiscPak**

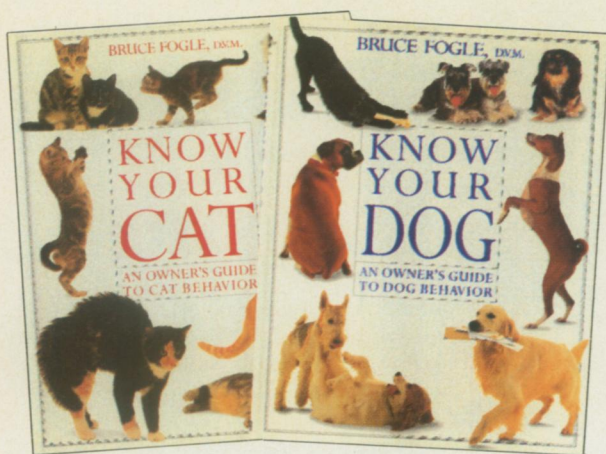


### Periodic Table of the Elements

This colorful, easy-to-read poster makes the science of atom structures interesting and accessible. Elements are color-coded by state at room temperature. Includes profiles of seven scientists fundamental to the development of physics. Shipped in a protective tube.

**Laminated, 27 1/4" x 22"**  
**\$9.95 PeriodPoster**





## Know Your Cat & Know Your Dog

An Owner's Guide to Cat and Dog Behavior

by Bruce Fogle

How well do you know your cat or dog? They live in your home, welcome your love, rely on your care—but what are they really thinking? Using a photographic approach, these books offer insights about every move your pet makes. Learn how a dog's wagging tail tells you what it is thinking. Discover how cats communicate through posture, body language, and rituals like rubbing and grooming.

1992, 128 pages, 8 1/2" x 11", hardcover

**\$22.95 KnowCatH \$22.95 KnowDogH**  
Set of both books **\$39.95 SetKnowPetsH**

## Bird Ornaments

Bring your Christmas tree to life with these unique lifelike reproductions of our feathered friends. Skillfully handcrafted of unendangered wood and exquisitely painted, you can admire on your holiday tree or enjoy year round suspended in your favorite window or garden spot. Pictured from top-left: ruby-throated hummingbird, American goldfinch, blackcapped chickadee, northern cardinal, blue jay.

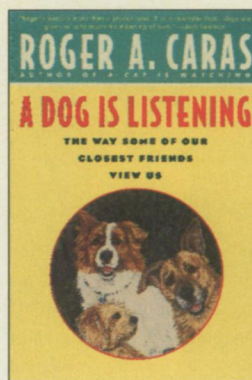
**\$5.95 each HummingOrn, GoldfinchOrn, ChickadeeOrn, CardinalOrn, BluejayOrn**  
Set of all five **\$24.95 SetBirdOrn**



## Reversible Dinosaur, Monkey, & Polar Bear

Two toys in one! These cuddly animals reverse into globes that display the continents and oceans and specify where the particular animal is from. Dinosaur globes show the old world as it existed during their time, which includes Gondwanaland. Each animal comes with details about how the animals live within their habitat. And, some proceeds from the sales of the monkeys and polar bears help to fund conservation efforts in the animal's home.

**\$19.95 each ReversDino, ReversMonkey, ReversPolarB**  
Set of all three **\$49.95 SetReversAn**



## A Dog Is Listening

by Roger A. Caras

This loving look at our most faithful friend examines the dog inside the dog as it relates to us and its own evolution. The author explores the world from a dog's-eye view—what a canine sees, hears, feels, tastes, and smells—and even offers an empathetic understanding of dogs' feelings. Anyone who has ever treasured the companionship of a dog will want this book.

1993, 239 pages, 5 1/2" x 8 1/2", paperback  
**\$11.00 DogListen**

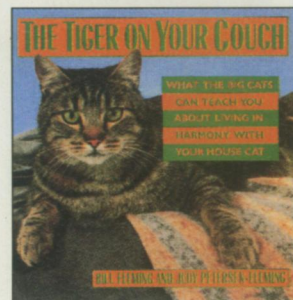
## Tiger On Your Couch

What the Big Cats Can Teach You About Living in Harmony with Your House Cat

by Bill Fleming and Judy Petersen-Fleming

Here is a book for cat lovers who have always suspected that the difference between their cats and the majestic tigers of the wild is largely a matter of size! From choosing a kitten to teaching it to respect furniture, this is the guide to natural cat care. Contains dazzling color and black-and-white photographs.

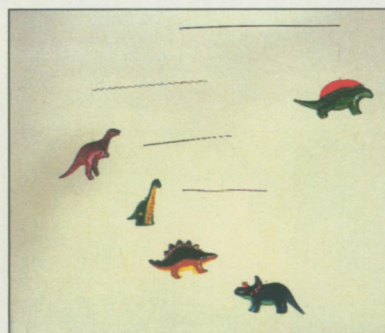
1992, 224 pages, 8 1/4" x 8 1/4", hardcover  
**\$20.00 TigerCouchH**



## Dinosaur Mobile

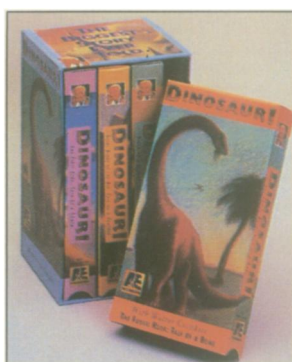
Keep the spirit of dinosaurs alive with this fascinating mobile. Each dinosaur is made from unendangered wood and is hand-carved and hand-painted. Includes five different species: Brachiosaurus, Edaphosaurus, Triceratops, Stegosaurus, and Tyrannosaurus. Mobile comes fully assembled, balanced on steel rods, and ready to hang. Packed in a protective tube and includes an educational brochure about these dinosaurs.

**\$26.95 DinoMobile**



Edaphosaurus, Triceratops, Stegosaurus, and Tyrannosaurus. Mobile comes fully assembled, balanced on steel rods, and ready to hang. Packed in a protective tube and includes an educational brochure about these dinosaurs.





### Dinosaur! with Walter Cronkite Videotapes

Experience the biggest story ever told! Join Walter Cronkite as he travels the globe, piecing together the clues of a great detective story from the 1824 discovery of a giant tooth to the staggering theories of today. Featuring

spectacular state-of-the-art animation, this visual encyclopedia offers insight into these creatures that continue to intrigue us all. Entertaining for children and adults.

Includes four, 48-minute, VHS cassettes.  
\$59.95 VidDinoCronk



### Pangaea Mug

Your favorite mug is back! This "magic" mug is the perfect gift for every coffee, tea, or cocoa drinker on Earth! Watch the ancient supercontinent Pangaea turn into the continents we know today just by adding hot liquid. When the mug cools off, the supercontinent reappears. SCIENCE NEWS is printed in brown on the reverse side of the mug.

12-ounce ceramic mug  
\$7.00 PMug, or get a set of four \$25.00 SetPMug



### Dinosaur Puzzles

These giant puzzles capture the spirit of dinosaurs by depicting the monster creatures in an oversized format and in their natural shape. Small children find the giant pieces easy to handle and will delight at seeing the finished creatures, which rival their own size. Choose from Tyrannosaurus or Triceratops.

Recommended for age 4 and up.  
Both puzzles include 50 pieces and measure 2' x 3'.  
\$12.95 PuzTyrann \$12.95 PuzTricerat  
Buy both and save! \$21.95 SetPuzDino

## American Museum of Natural History Dinosaur Books

### Barosaurus—Corythosaurus—Triceratops—Tyrannosaurus

by William Lindsay  
and Mark Norell



Find out how paleontologists glean knowledge from studying dinosaur fossils, and see how they use that knowledge to help build a museum exhibit

about the prehistoric creatures. Each book includes detailed sketches of the lives of a specific dinosaur, a glossary, and short synopses of the work of dinosaur hunters.

Recommended for age 10 and up.

1992, 29 pages, 10 1/4" x 12 1/4", hardcover  
\$12.95 each BarosaurusH, CorythosaurusH,  
TriceratopsH, TyrannosaurusH  
Set of all four \$44.95 SetDinoBooks

### Dinosaur Kit

Children will have hours of fun playing, coloring, creating, and building with this box full of dinosaur items.

Includes one large, one glow-in-the-dark, and five small dinosaur models, stencils for tracing 14 dinosaurs, one dinosaur stamp, a poster to paint or color (markers included too), and two activity books—one for assembling a dinosaur mobile and one with mazes.



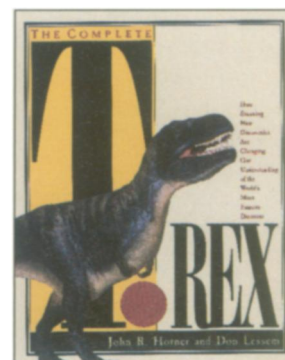
Recommended for ages 7-12.  
\$19.95 DinoKit

### Complete T-rex

How Stunning New Discoveries  
Are Changing Our Understanding  
of the World's Most Famous  
Dinosaur

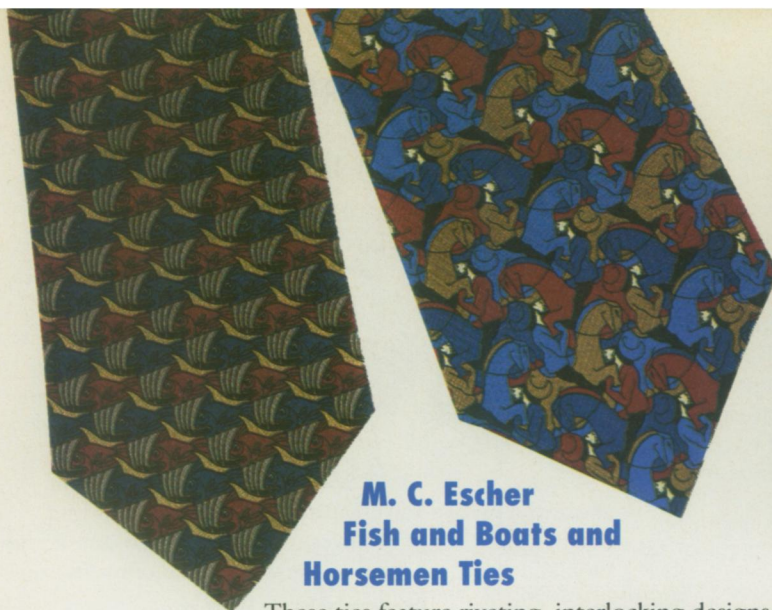
by John R. Horner and Don  
Lessem

In 1990, the first two nearly complete Tyrannosaurus rex skeletons ever found were excavated. Together these skeletons are yielding surprising new insights into this most famous dinosaur—for instance, its principal habitat was forest, not swamp or plain; it may have been warm-blooded, and its body temperature may have cooled as it matured. Full of valuable new knowledge and a bounty of paintings and photographs, this is the most complete and important account ever of the life and times of T-rex.



1993, 239 pages, 7 1/2" x 9 1/2", hardcover  
\$25.00 ComplTRexH

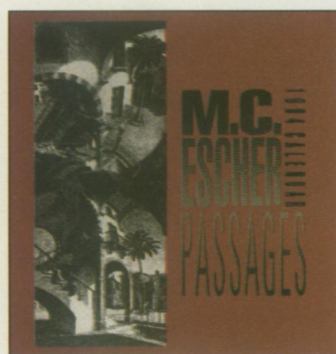




### M. C. Escher Fish and Boats and Horsemen Ties

These ties feature riveting, interlocking designs by the mastermind of "symmetry" patterns, M.C. Escher. Not only are these ties captivating to look at, but they are fashioned from 100% silk and feature colors complimentary to virtually any suit in a man's closet.

**\$27.00 EschTieBoats, \$27.00 EschTieHorse, or get both and save \$49.00 SetEschTieBH**



### M.C. Escher Passages 1994 Calendar

This 12-month calendar features a provocative Escher print for every month. The images feature passages from one dimension to another or from one place to another; some are impossible others are enticing. Every image will challenge your perception of space and movement.

12" x 26"

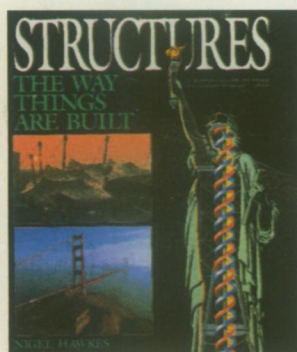
**\$10.95 EscherCal94**

### Escher Playing Cards

These playing cards include two decks featuring Escher "symmetry" patterns on the high quality plastic playing cards and on the durable carrying box. Cards featuring interlocking birds on one deck and fish on the other, while butterflies appear on the box top.



**\$10.95 EschPlayCard**



### Structures

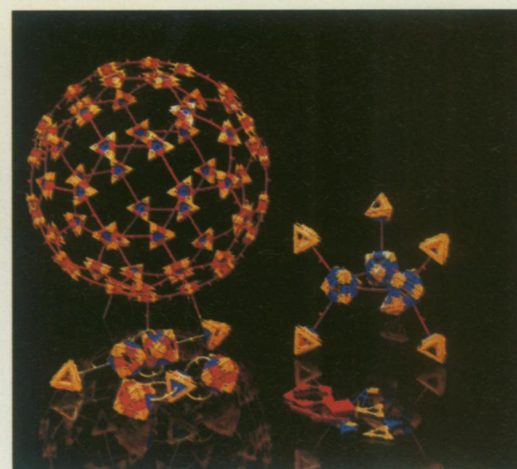
#### The Way Things Are Built

by Nigel Hawkes

A tribute to the most awe-inspiring feats of human creation: the largest, longest, highest, most massive and most ambitious structures ever made by human hands. From the Great Wall of China to the Forbidden Palace, from the Statue of Liberty to the Panama Canal, *Structures* gives fascinating accounts of the origins, design, and construction of 43 structures, described in informative, nontechnical text and illuminated with photographs, working diagrams, cutaway drawings, and etchings.

1993, 240 pages, 9" x 11 1/2", paperback

**\$20.00 Structures**



### Googolplex

Construct your own geometric, molecular, organic, mineral, and crystal structures with this easy-to-use, futuristic building toy. Its architect-designed pieces (pentagons, triangles, squares, wheels, and axles) are joined with hinges that allow individual pieces and whole constructions to rotate a full 360°, so projects can range from simple geometric shapes to complex three-dimensional structures. Try your hand at simple molecules, salt crystals, buckyballs, and met-cars™ just to name a few! Pictured here: buckminsterfullerene, acetylene, carbon dioxide, cyclopropane.

Recommended for age 12 and up, includes 750-piece kit.

**\$74.95 GoogolSecond**

### M.C. Escher

#### Visions of Symmetry

by Doris

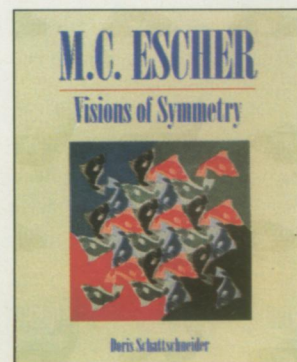
Schattschneider

Journey into the unique, enigmatic world of M.C. Escher.

This book combines two of the artist's previously unavailable notebooks with the complete body of his symmetrical drawings (over 400 illustrations in all, nearly 180 never before published). An incredible concentration of reproductions and explanations about how each was achieved. Arguably the best book around about Escher's work.

1990, 354 pages, 8 3/4" x 10 3/4", paperback

**\$24.95 VisionsSym**





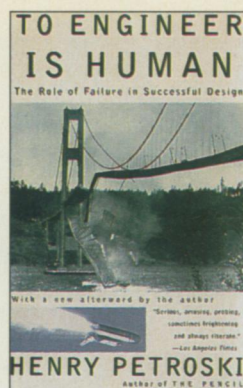


### M.C. Escher Metamorphosis T-Shirt

Reproductions of Escher's "symmetry" patterns—horses, fishes, birds, and boats transforming, interlocking, and repeating—create a mythical illusion on this white 100% cotton shirt. All over pattern differs slightly on back.

Available in Large and X-Large.

**\$19.95 MetaTShirtL \$19.95 MetaTShirtXL**



### To Engineer Is Human

**The Role of Failure in  
Successful Design**

by Henry Petroski

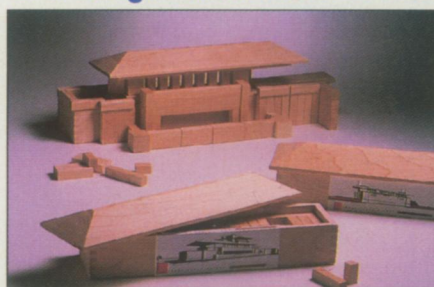
How did a simple design error cause one of the great disasters of the 1980s—the collapse of the walkways at the Kansas City Hyatt Regency Hotel? What

made the graceful and innovative Tacoma Narrows Bridge twist apart in a mild wind in 1940? These are some of the failures the author examines in this look at progress and perfection.

1992, 251 pages, 5 1/8" x 8 1/8", paperback

**\$11.00 EnginHuman**

### F. L. Wright Architectural Building Blocks



Early in his life, Frank Lloyd Wright's mother gave him a set of geometric blocks much like these to encourage development of his "architectural thinking."

With this set of blocks you too can build many different buildings of your own in Wright's Prairie Style. The box containing these smooth wooden blocks and the lid are pieces too! Set includes 68 wooden blocks in box with lid.

**\$49.95 FLWBldBlocks**

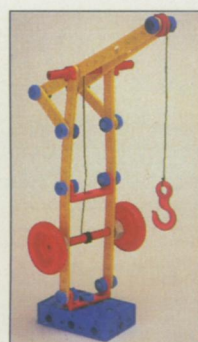
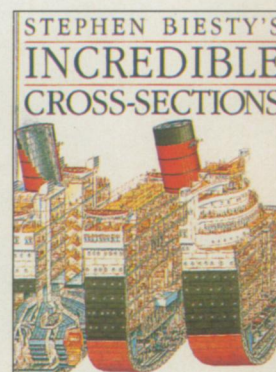
### Incredible Cross-Sections

by Richard Platt, illustrated by Stephen Biesty

Children and adults alike will be fascinated by this unique collection of superb cross-sections featuring fantastic color illustrations and foldout pictures. Take a look inside one of the world's largest telescopes, observe what went on inside a medieval castle, and learn why the first jumbo jet carried a piano.

1992, 48 pages, 10 3/4" x 14" hardcover

**\$20.00 IncredCrossH**



### Junior Erector Set

This "first" Erector set includes easy-to-follow illustrations and easy-to-handle plastic parts, which are compatible with the more advanced metal sets. Contents include 63 brightly colored parts with instructions for 24 different models.

Recommended for age 4 and up.

**\$24.95 JuniorErectA**

### Erector Vehicles

Get moving and discover how vehicles are constructed. Motorcycle kit even includes shock absorbers along with the necessary parts and instructions for building three different models. Race car kit includes wide tires and motor to test construction skills.

**MotorErect \$44.95**  
**RaceCarErect \$49.95**



### Basic Erector Sets

These high quality construction sets include 100% steel parts, an allen key wrench system, and color-coded instruction manuals.

All sets include a motor, which moves in forward and reverse for Sets 4 and 6. (AA batteries not included.)



### Set 2

Includes 274 parts for 27 models. Recommended for age 7 and up.

**\$49.50 BasicErect2**

### Set 4

Includes 452 parts for 51 models. Recommended for age 7 and up.

**\$79.95 BasicErect4 (reduced by \$20.00!)**

### Advanced Set 6

Includes 640 parts for 75 models. Recommended for age 9 and up.

**\$149.95 BasicErect6 (reduced by \$10.00!)**



These Lego Sets are not available in stores.



### LEGO® Technic I

Hands-on learning of the basic principles of physical science from LEGO® Dacta educational products. For use in the home or school, Technic I contains 179 elements, including five types of gear wheel, beams, axles, a universal joint, a piston head, and turntables. Also includes 20 full-color activity cards providing instructions on how to build 52 different models. All elements are easily stored in the handy case provided. Build a windmill, a crane, and much more.

Recommended for age 7 and up.

**\$56.95 LegoTech1**

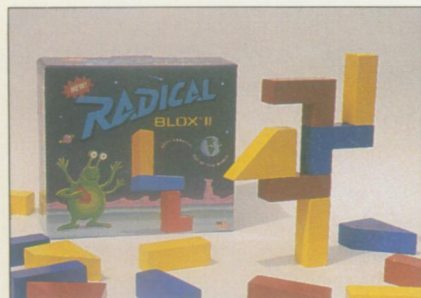


### LEGO® Pneumatic Set

Contains 124 pneumatic elements, including 1 pneumatic pump, 2 pneumatic cylinders, 2 pneumatic valves, as well as different tubes and T-connectors and building instructions for five different models.

Recommended for age 9 and up.

**\$31.95 LegoPneum**



### Radical Blox II

They're wild! They're weird! They're radical! Radical Blox II will change the way you think about blocks forever! Winner of five national "Best of the Year" awards, these incredible blocks help kids learn about gravity while stimulating their creativity for hours of fun! What is the secret? Weights are strategically placed inside these unique blocks to create radical gravitational effects. There are three types of blocks: the yellow are featherweights, the lightest in the set; the blue are the most radical, with an unusual center of balance; and the red are sliders that let you put the weight where you want it. Made of durable, impact-resistant polypropylene.

Recommended for age 4 and up. Includes 20 blocks.

**\$19.95 RadBloxII**



### LEGO® Technic II

This more advanced set from LEGO® Dacta educational products contains 278 elements including a 4.5 volt DC motor, a battery pack, eight kinds of gear wheel (including bevel, crown, worm, and differential gears), all the elements from Technic I, plus 20 full-color activity cards. Technic II stresses hands-on problem solving and construction of motorized transmission systems. Learn about belt transmissions, chain transmissions, and motorized pulleys, among other things.

Recommended for age 11 and up.

**\$75.95 LegoTech2**



### LEGO® Gears, Pulleys, and Levers Set

Each unit of this trio offers children an opportunity to master a particular mechanism. The contents include the necessary pieces and instructions to craft a couple of items such as windmills and scales. Suggestions for activities are also noted in an accompanying handbook, which also outlines how each concept works and its practical uses. Includes 204 pieces total.

Recommended for age 7 and up.

**\$42.95 LegoGears**





### Earth from Space Poster

This spectacular poster is a color mosaic of satellite images of Earth in its natural color, virtually unobstructed by clouds. Thousands of individual images have been electronically assembled to produce this exceptionally clear, sharp, and accurate picture of the world. Oceans, rivers, continents, and mountain ranges are all identifiable.

Shipped in a protective tube. 36" x 24"

**\$16.95 EarthSpPost**

Also available as a 1,000-piece jigsaw puzzle.

19" x 29"

**\$14.95 EarthSpPuz**

### Galilea Lunar Clock



Follow the moon phases from full to new moon with this stunning desk clock. This remarkable effect is achieved through the perpetual movement of a matte dark half that revolves around a detailed serigraphy of the moon. A standard quartz-movement clock, with hour, minute, and second hands, and a calendar that shows the day and month enhance Galilea's use as a functional moving sculpture.

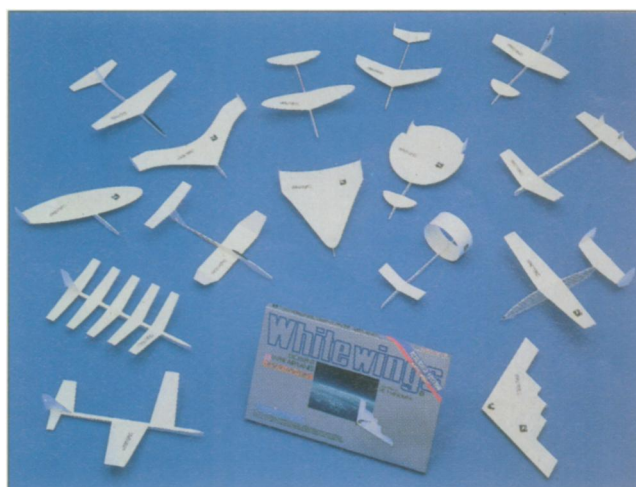
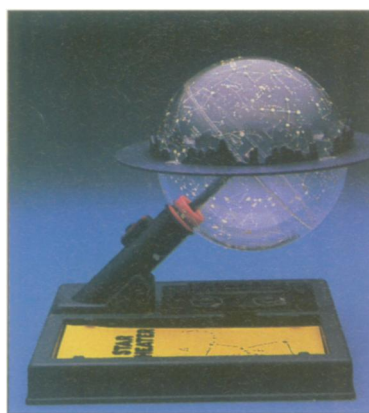
Constructed of matte black polyamide, 4 1/2" x 4 1/2" x 9 1/2" One AA battery is required and included.  
**\$59.95 LunarClock**

### Star Theater

This ultimate home planetarium displays hundreds of stars, planets, and constellations, as well as their names, on your ceiling and walls. Features stars that glow in the dark and a horizon ring that displays and projects realistic shadows of buildings. An exciting 56-minute audio cassette on myths and legends of the night sky and an illustrated activity guide are included. The theater can also be used outdoors as a 3-D sky map.

Recommended for age 8 and up. Requires 2 AA alkaline batteries, not included.

**\$31.95 StarTheater**



### Whitewings

#### The Future of Flight

Designed by Yasuaki Ninomiya

One of our most popular items! This kit features 15 models of today's most advanced aircraft designs—including the Stealth Bomber, Ring Wing Canard, Multi-Tandem Plane, and Tailless Plane. All parts are printed on quality drawing paper, requiring only scissors, razor blade, and glue to construct these exciting models.

Recommended for age 10 and up. Includes 68-page instruction booklet, rubber band, and catapult.

**\$14.95 WhitewingsFu**



### Celestial Planisphere Poster

This glow-in-the-dark poster, compiled and designed by Tomas J. Filsinger, is accompanied by an illustrated 28-page manual of notes and tables that explains the celestial sphere, the constellations, the nearest and brightest stars, the planets, and more. Illustrates all 88 constellations recognized by the International Astronomical Union.

24" x 36"

**\$14.95 PostCelestPl**

### Celestial Planisphere Puzzle

Also available as a 1,000-piece, glow-in-the-dark jigsaw puzzle.

Assembled size 20" x 27"

**\$12.95 PuzCelestPl**





### Papermaking Kit

This papermaking kit utilizes any kind of old paper: newspapers, grocery bags, coffee filters. With the addition of some flower petals, grass, or seeds you can create beautiful stationary and gift wrap. Make sheet paper or use the included mold for cast paper. Kit includes screen and frame, mold, sponge, cotton liners, a few sample decorations, and instructions.

**\$24.95 PaperAnewKit**

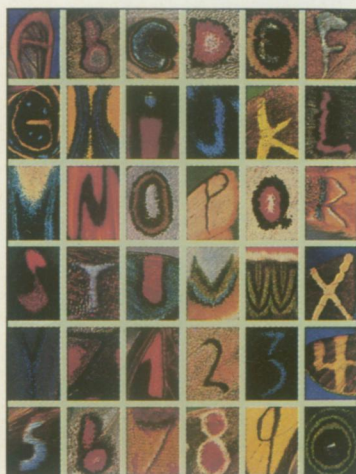
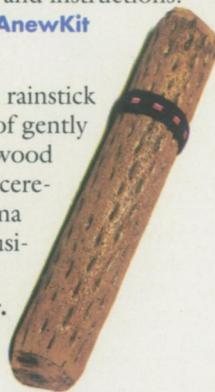
### Rainstick

Experience the calming effect of a peaceful rain. Simply tilt the rainstick at a 60° angle and rotate slowly to enjoy the soothing sounds of gently falling rain. The unique rainstick is handcrafted in Chile from wood skeletons of dead Quisco or Copado cactus plants and used in ceremonies there to bring badly-needed rain to areas of the Atacama Desert. You can use it for relaxation, entertainment, or as a musical instrument. The perfect gift for someone with everything.

30" long, approx. 2 1/2" in diameter.

Shipped in a protective tube.

**\$19.95 Rainstick**

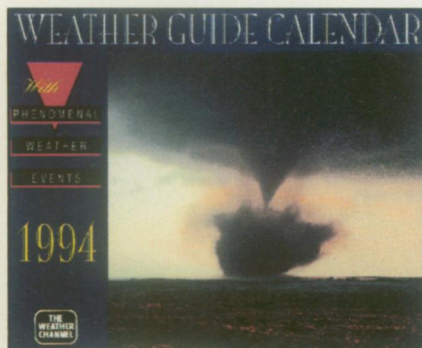


### Butterfly Alphabet Poster

A butterfly lover's dream! Every letter of the English alphabet and the Arabic numerals on this beautiful poster is a close-up photo of a butterfly wing by photographer Kjell Sandved. We'll include a reprint of the SCIENCE NEWS article (June 16, 1990) describing the poster's origin.

Shipped in a protective tube. 18" x 24"

**\$10.00 ButAlphPost**



### 1994 Weather Guide Calendar

This 12-month wall calendar features stunning photographs of weather at work and charts the days with historical weather events. Additionally 28 full-color pages provide climatic data for cities in the U.S. and around the globe and the facts behind weather folklore.

13" x 22"

**\$10.95 WeathCal94**



### Optic Wonder

This instrument has seven different functions: compass, magnifying glass, mirror, binocular, monocular, magnifying mirror, and linen counter. When all its attachments are folded down, this convenient tool can easily slip into a pocket. A great companion for hikers or backyard explorers (and a neat stocking stuffer, too)!

**\$6.00 OpticWonder**

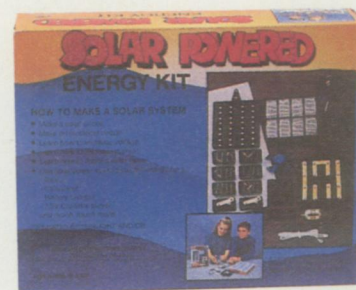


### Waterpowered Calculator & Clock

Now you don't have to replace expensive batteries again, as this calculator and clock are hydropowered! Fill the two battery-shaped receptacles with water, and watch them go. Both are stylish additions to any desk top. Calculator features basic mathematical functions and an eight digit display. Clock displays digital time and the date.

**\$26.95 WaterCalc**

**\$15.95 WaterClock**



### Solar Energy Kit

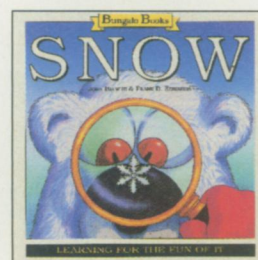
Who needs batteries when you have the sun? This energy kit teaches the basic principles of electricity and powers a radio or calculator using the sun or incandescent light. Complete instruction booklet includes fundamental information about solar power and its practical applications.

24-piece kit. Recommended for age 10 and up.

**\$19.95 SolarEnKit**

### Snow

by John Bianchi and Frank B. Edwards



Snow is a way of life for some and a mystery to others. But everyone will appreciate this look at how snow is made, how glaciers

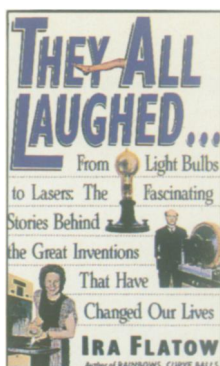
are formed, and how people and animals live in and utilize winter's rain.

Recommended for age 9 and up.

1992, 48 pages, 8" x 8", paperback

**\$7.95 Snow**





## They All Laughed

by Ira Flatow

Did you know that Ben Franklin's kite was never struck by lightning? Or that, when Remington introduced the first typewriter, people saw no practical use for it? This exploration of scientific discoveries and the often accidental way they have led to many of the world's greatest inventions gives the behind-the-scenes story of the history involved in invention.

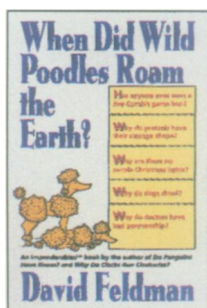
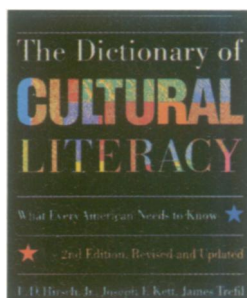
1993, 238 pages, 5 1/4" x 8", paperback  
\$10.00 TheyLaugh

## Dictionary of Cultural Literacy

E. D. Hirsch Jr., Joseph F. Kett, & James Trefil

This bestseller is updated and revised and defines the core body of knowledge that every American should know. Hundreds of entries reflecting recent geographical changes, the specifics of multiculturalism, and terms from scientific research identifying our culture and placing them in context are included.

1993, 619 pages, 8" x 9 1/2", hardcover  
\$24.95 DictCultLitH



## When Did Wild Poodles Roam the Earth?

by David Feldman

The master answerer of life's Imponderables™ is at it again. Here are some solved dilemmas of life (Has anyone ever seen a live Cornish game hen?) and death (When a body is laid out at a funeral home, why is the head always on the left side from the viewer's vantage point?) Also, find out why Betty Rubble is not represented in Flintstones Multivitamins.

1993, 297 pages, 5 1/4" x 8", paperback  
\$10.00 WildPoodles

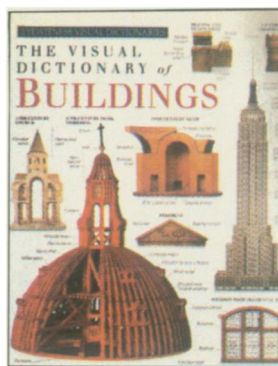
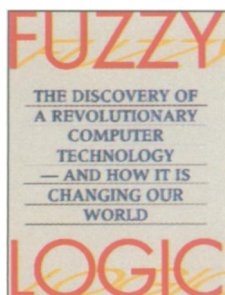
## Fuzzy Logic

The Discovery of a Revolutionary Computer Technology—And How It Is Changing Our World

by Daniel McNeill & Paul Freiberger

Imagine a car that parks itself or a subway system that is so smooth passengers don't bother holding on. Futuristic fantasy? No, in Japan, this is reality—and it's starting to explode into our marketplace. Find out about American technology shunned by domestic industrialists, which is now being sold back to us by the Japanese.

1993, 319 pages, 6 1/4" x 9 1/2", hardcover  
\$22.00 FuzzyLogicH



## The Visual Dictionary of Buildings

Did you ever wonder what kind of building has a drum and a roll or how a thatched roof is made? Look no further, this dictionary answers those questions and many others concerning building and architecture. Exquisite photographs of every-

thing from chimneys to skyscrapers are detailed through the ages. Each picture is extensively labeled, and the accompanying text discusses specific structures and styles.

For age 10 and up. 1992, 64 pages, 10 1/4" x 12 1/4", hardcover  
\$14.95 VisDictBldH

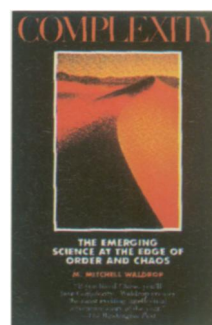
## Complexity

The Emerging Science at the Edge of Order and Chaos

by M. Mitchell Waldrop

Scientists at the Santa Fe Institute are gathering novel ideas about inter-connectedness, coevolution, chaos, structure, and order—and shaping them into an entirely new way of thinking about life. They seek the knowledge of how the universe manages to bring forth complex structures such as galaxies, bacteria, animals, and brains. See how these scientists have tried to forge what they call "the science of the twenty-first century"—complexity.

1993, 380 pages, 5 1/2" x 8 1/2", paperback  
\$12.00 Complexity



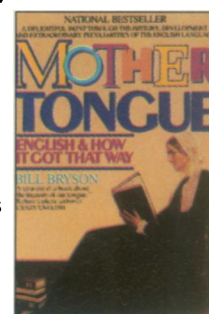
## Mother Tongue

English and How It Got That Way

by Bill Bryson

This engaging jaunt through the quirks and byways of the world's most important and baffling language covers the entire history of language from crude murmurings of Neanderthal man to the explosion of English as a global language. We learn why island, freight, and colonel are spelled in such unphonetic ways and why four has a "u" in it but forty does not.

1990, 270 pages, 5 1/4" x 8", paperback  
\$9.95 MotherTongue



## The Way Things Work

by David Macaulay

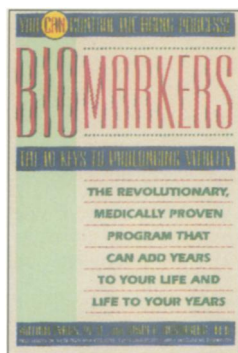
Discover how hundreds of machines and devices—holograms, airliners, robots, televisions, compact discs—work and find out the scientific principles behind each machine. Macaulay not only demonstrates how machines do what they do, but also how the concept behind one invention is linked to the concept behind another.

1988, 384 pages, 11 3/4" x 8 3/4", hardcover  
\$29.95 WayThingsH





## Biomarkers



### The 10 Keys to Prolonging Vitality

by William Evans and Irwin H. Rosenberg with Jacqueline Thompson

New evidence indicates that the body's decline is due not to the passing of years but to the combined effects of inactivity, poor nutrition, and illness—much of which can be controlled. The authors have identified 10 "biomarkers," the key physiological factors associated with prolonged youth and vitality. They provide here dietary guidelines, self-tests for evaluating your physiological age, and exercise programs for every level of fitness, which will change forever the way you think—and what you do—about aging.

1992, 297 pages, 6" x 9 1/4", paperback  
\$12.00 Biomarkers

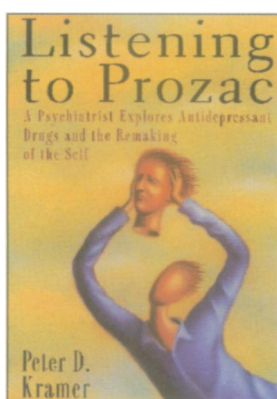
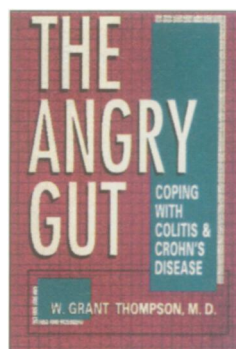
## The Angry Gut

Coping with Colitis and Crohn's Disease

by W. Grant Thompson

The author of *Gut Reactions* takes a look at two nonfatal yet often devastating diseases: colitis and Crohn's disease. As a leading gastroenterologist, Thompson is familiar with the dilemmas facing patients stricken with these diseases. He discusses common worries about loss of sexual drive or ability to perform, pain, side effects of medications, and the relationship of ulcerative colitis and cancer, as well as the pros and cons of drug therapy and surgery. Learn how to live happily and productively with either of these diseases.

1993, 350 pages, 5 1/2" x 8 1/2", hardcover  
\$26.95 AngryGutH



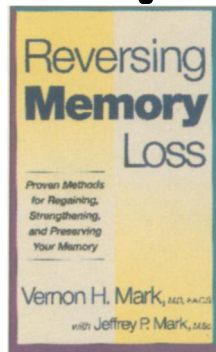
## Listening to Prozac

A Psychiatrist Explores Antidepressant Drugs and the Remaking of the Self

by Peter D. Kramer

A psychiatrist and pioneer in prescribing Prozac looks at the effects of the drug and the possible ramifications of a drug that makes some people feel "better than well." Kramer remains an advocate of Prozac but questions its use as a cosmetic drug to enhance the personality, making people more confident, popular, and mentally nimble. Numerous case studies and evidence from a variety of disciplines are explored in this provocative expose of the most popular antidepressant.

## Reversing Memory Loss



### Proven Methods for Regaining, Strengthening, and Preserving Your Memory

by Vernon H. Mark with Jeffrey P. Mark

A famed neurosurgeon outlines new tests, diagnosis, treatments, and an extensive step-by-step program for finding the cause of memory failures. Determine whether or not common occurrences of memory lapses are the early warning signals of senility or Alzheimer's disease or more probably the results of stress, depression, or overmedication, which can be reversed with proper treatment.

1992, 244 pages, 5" x 8", paperback  
\$9.95 ReversMem

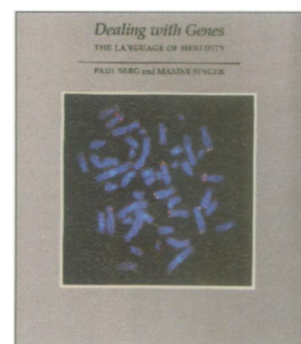
## Dealing with Genes

The Language of Heredity

by Paul Berg and Maxine Singer

This provocative primer on modern genetics focuses on the primary functions and definitions of genes and their influence on countless aspects of our existence, from human development, health and disease to the ecological balance of our planet. Written for the general reader, this volume provides all you need to know about how genes work and their implications on society.

1992, 269 pages, 8 1/4" x 9 1/2", hardcover,  
\$34.00 DealGenesH



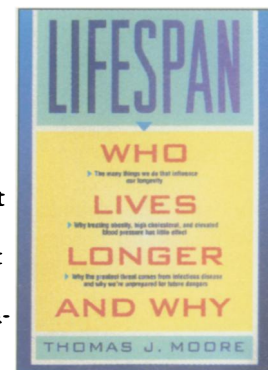
## Lifespan

Who Lives Longer and Why

by Thomas J. Moore

Fascinating and well documented, *Lifespan* discusses what matters for living longer and what is not so important. The author contends that many risk factors like weight and cholesterol are exaggerated, and that the lifespan of your parents and grandparents are an unreliable indicator of your own lifespan, but that genes are important. Find out what you should be worried about, what strides researchers have made toward increasing lifespan, and the facts about currently popular risks to longevity.

1993, 318 pages, 6 1/2" x 9 1/2", hardcover  
\$23.00 LifespanH



1993, 409 pages, 6 1/4" x 9 1/4", hardcover  
\$23.00 ListenProzH

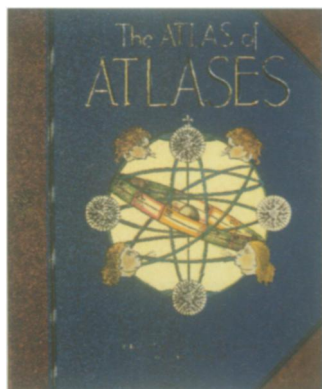




### It's a Big Big World Atlas

Children will delight in exploring our wonderful world with this giant atlas. Its award-winning artistry offers a fun, dynamic approach to learning. Use the wipe-off crayons included to follow Columbus' voyage to the New World or to map out a vacation route. An audio-cassette provides narration and music for an exciting, educational trek around the Big Big World!

Recommended for ages 4 to 12. 32" x 23",  
also includes parent/teacher guide.  
\$16.95 BigWorldAtlH



### The Atlas of Atlases

The Map Maker's Vision of the World  
by Phillip Allen

More than five centuries of map making are compiled here in one edition. More than 300 full-color illustrations incorporate some of the most stunning and important maps of time, such as rudimentary road maps of Scandinavia and Patagonia and the first map depicting America. Additionally, these works are accompanied by insightful commentaries about the meaning and significance of each. See how cartography evolved.

1992, 160 pages, 10 3/4" x 12 1/4", hardcover  
\$49.50 AtlAtlasesH

### Planet Earth Ornament

This gorgeous blue sphere is a masterfully crafted accent for any Christmas tree. The glass ball features 22K gold continents and measures 2 1/2" in diameter. A thoughtful gift that will be treasured.

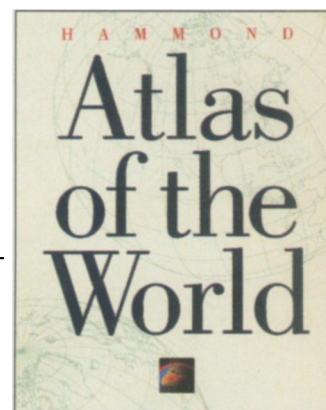
\$19.95 PLEarthOrn



### The Hammond Atlas of the World

This atlas is the first created entirely from a digital database. The exact latitude and longitude of every town, every stretch of river and coastline, every natural and political boundary are detailed here, making this the most accurate atlas ever produced. Charts and graphs illustrate up-to-the-minute data on population trends and environmental concerns, and maps reflect the most recent developments. Also contains 16 pages of TerraScape™ maps of the earth's surface with a three-dimensional relief so vivid, you'll feel as if you were flying overhead.

1992, 303 pages, 11" x 14", hardcover  
\$65.00 AtlasWorldH



### Master Re-Play

Perfect for rainy days, this kit is filled with more than 75 pieces of reclaimed materials that kids can use along with their imagination to create almost anything from kooky animals to weird vehicles. All the materials in the kit are acquired from manufacturers' waste and are safe and nontoxic.

Recommended for age 5 and up. Includes a construction guide with some basic ideas.

\$11.95 MasterRe

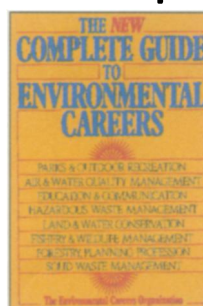


### The New Complete Guide to Environmental Careers

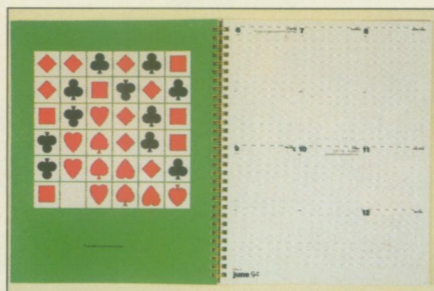
from the Environmental Careers Organization

Completely updated from the 1990 version, this guide provides an invaluable overview of the spectrum of environmental career opportunities. Individual chapters cover such fields as planning, education, waste management, conservation, and wildlife management, and outline the number of available jobs, salaries, how to get started, and resources. A must-have for anyone looking to break into the field.

1993, 364 pages, 6" x 9", paperback  
\$15.95 NewGdeEnvir





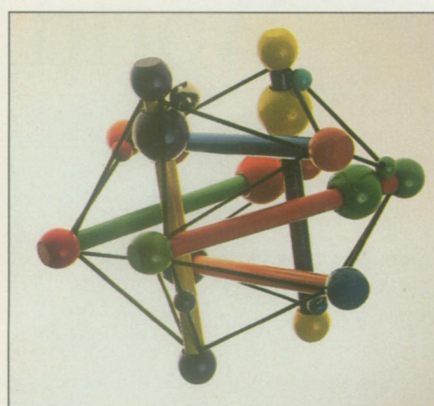


### Puzzlegram Diary 1994

This appointment calendar features a different mindboggling puzzle for each week. Each calendar day has enough room to keep detailed appointments and reminders. And every design is intriguing and colorful, making for an enticing desk accessory.

8 1/2" x 10 1/2"

\$14.95 PuzlDiary94



### Skwish Classic

A dazzling attraction for babies, this multidimensional toy is handcrafted with wood beams and balls, smooth elastic bands, and a metal bell. Virtually indestructible, the design allows the toy to squish flat and bounce back. The textures, sounds, movements, and bright colors fascinate babies; the unusual design and indestructibility attract adults. Winner of a 1991 Parents Choice Award.

Recommended for age 6 months and up.

\$14.95 Skwish

### Our Solar System Floor Puzzle

This giant floor puzzle is a perfect way to help develop a child's coordination, manual dexterity, and matching skills, as well as to teach the names of the planets and the structure of the solar system. The puzzle has 48 durable pieces large enough for young children to handle with ease.

Recommended for age 4 and up.  
Assembled size 60" x 11 3/4".

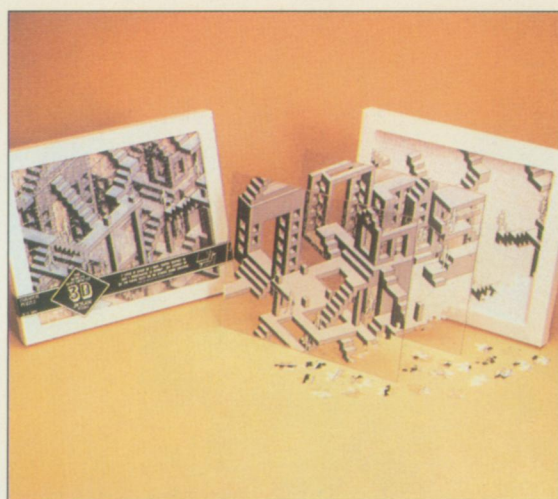
\$12.95 PuzSolarSyst

### 3-D Jigsaw Puzzles

Looking at the two-dimensional picture in the box doesn't help much with this puzzle as it is three puzzles in one making a three-dimensional image when complete. The challenge is determining if the piece in your hand is part of the foreground, middleground, or background or even which area is which.

Three plastic puzzles sandwiched between two thick acrylic boards create the three-dimensional effect. Also includes playsheets for use during puzzle assembly and a hole in the back of the box enabling you to hang your finished product. Contains 540 pieces.

\$34.95 3DPuzParadox



### High Tech Wonders Juggling Computers

If you can't master DOS, then toss the whole thing—in the air, that is. Move on to user-friendly computers. The High-Tech Wonders computers for juggling make it fun to "boot-up" anytime. Even a novice can learn to juggle with these well-balanced bean-bag computers featuring glow-in-the-dark screens. Includes three portable mini-computer beanbags in a resealable can with easy-to-learn juggling instructions.



Recommended for age 8 and up.

\$12.95 JugglComput

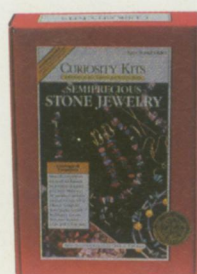


### Juggling Video

For further juggling instruction, this video teaches basic skills in addition to advanced tricks.

\$20.95 VidJuggling

Get both just \$29.95 SetJuggling



### Stone Jewel Kit

Discover the beauty of some geological wonders as you assemble these semi-precious stones into adornments such as necklaces, earrings, and bracelets. Make a number of things to keep and wear or remake again. A handy compartmentalized box includes hooks, strings, and clasps. Stones included are rose quartz, red jasper, and Chinese turquoise. The accompanying instruction booklet also teaches the geological composition and cultural heritage of the stones.

Recommended for age 9 and up.

\$19.95 StonJewelKit



Order by Phone 1-800-544-4565 (Visa or MasterCard only)



## Centre Chess

The classic game has just gotten twisted. The pieces move the same way, but the board has changed—it's round, making for a more

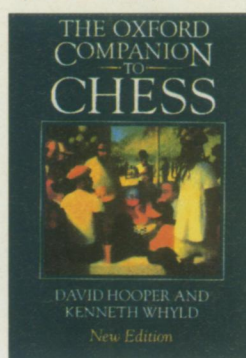


aggressive, faster-paced game. Those who think they have mastered the old game will be challenged all over again. Also, enjoy Centre Checkers, as they are also included. And flip the board over for the standard chess/checker board. Includes complete instructions and high-quality, solid plastic, felt-based stanton chessmen, checkers, and board.

**\$29.95 CentreChess**

## The Oxford Companion to Chess

by David Hooper and Kenneth Whyld



This completely updated and thorough reference to the game includes alphabetized entries reflecting historical data, bibliographies of players, and all branches of the game, including over-the-board play, correspondence chess, problems, unorthodox forms of the

game, as well as laws, strategies, playing terms, and named openings and their variations.

1992, 483 pages, 6 1/4" x 9 1/2", hardcover

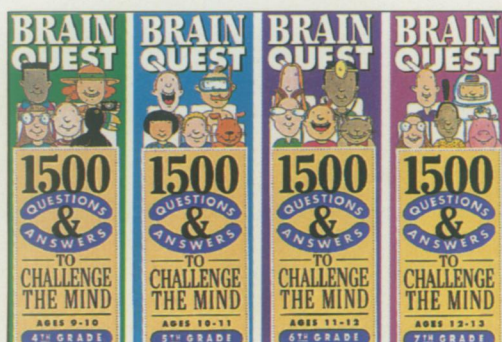
**\$45.00 ComanChessH**

## Brain Quest: Questions and Answers to Challenge the Mind

This innovative question-and-answer game allows kids to show off their knowledge and gives parents a way to reinforce what their kids are learning in school. These progressive sets are designed to match your child's age, skills and learning ability. Play with a friend, a group, or alone. And, with a sturdy plastic container, these cards go everywhere—the beach, summer camp, car trips, or the babysitter's house!

Recommended for ages 9-13, grades 4-7.

**\$9.95 each. BrainQuest4. BrainQuest5, BrainQuest6, BrainQuest7. Set of four, \$34.95. SetBrQuest**



## Mindtrap

Cards listing more than 500 classic puzzles, murder mysteries, conundrums, and trick questions will challenge the way you think. One team reads the questions with clues and circumstances for the other to solve. But the clues are often traps and the answers occasionally so obvious they are impossible. First one to the end of the optical illusion maze wins.

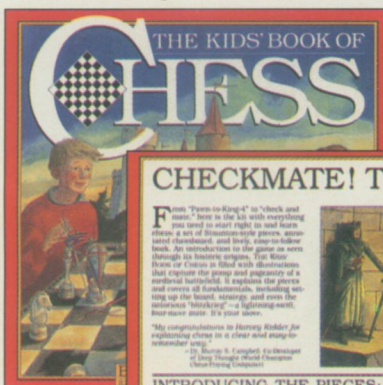
**\$26.95 Mindtrap**

## Kids' Book of Chess

From "Pawn-to-King-4" to "checkmate," here is the kit with everything you need to start right in and learn the game of chess! The book explains the pieces and covers all the fundamentals, including board set up, strategy, and even the notorious "Blitzkrieg." The kit comes complete with chess pieces and a custom-designed board.

Recommended for age 6 and up.

**\$14.95 KidsBkChess**



## 24 Game

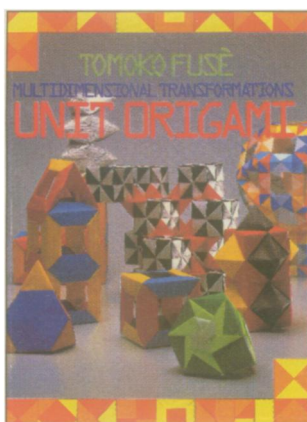
Put your math skills to work with this mathematical game used in schools across the country, yet fun for family and friends at home too. Each card presented to the players has four

numbers; you need to find a way to make them add, subtract, multiply, or divide to 24 before your opponents can. Cards come in varying difficulty. Puzzle Sleeves™ allow you to add variety to the basic game by eliminating a number, so the game never gets old. This set includes 192 card combinations (48 easy, 96 medium, 48 difficult) plus four Puzzle Sleeves™.

Recommended for age 8 and up. Cards are 4" x 4".

**\$16.95 24Game**





## Unit Origami

**Multidimensional Transformations**

by Tomoko Fuse

One of the most original and exciting origami masters explains the methods of her craft in this easy-to-follow guidebook of stunning origami designs. By using the insertion techniques outlined, you can create an endless sequence of multidimensional variations to old and new origami classics. Hours of fascinating fun await the origami devotee who can use these unique techniques to create multidimensional forms that are practically architectural in nature. Ranging from technically simple folds to more demanding ones, the many delightful and varied works in this book are highly stimulating and make wonderful presents for family and friends.

1992, 243 pages, 7" x 10", paperback

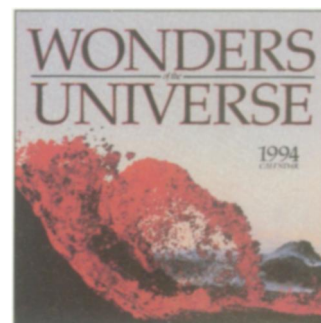
**\$17.00 UnitOrigami**

## Wonders of the Universe Calendar 1994

Hansen Planetarium has selected a spectacular group of color images of astronomical wonders to highlight the historical and astronomical events listed on virtually every day of this 12-month calendar.

12" x 24"

**\$10.95 WonUnivCal94**



## Planet Earth Pendant

Why give her diamonds when you can give her the world? This unique pendant is masterfully crafted of brilliant blue glass adorned with continents that are imprinted by hand and made of 22 carat gold, which hangs on a 24" gold-plated chain.

**\$15.95 Pendant**

Pendant enlarged to show detail.

## Super Optic Wonder



This new and unique version of the optic wonder features a quadrant that measures angular height of an object in relation to the horizon, a sundial, a mirror that functions as a heliograph by using the sun's rays to telegraph Morse code (the Morse code is printed right on the Super Optic Wonder), a whistle, and a flashlight (uses one N-type battery, included). Complete instructions and lanyard for wearing this amazing instrument around your neck are also included.

Approximately 4 5/8" long

**\$10.95 SupOpticWond (reduced \$4.00 from last year's price)**



## Holiday Mugs

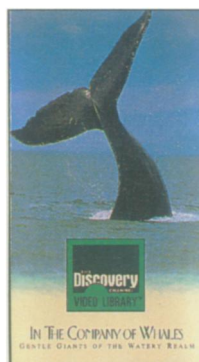
When the Season's Greetings mug is cold, the forest-green tree is undecorated, but when you add hot liquid, the tree comes to life with red, blue, white, and gold ornaments. A great stocking stuffer and delightful for holiday entertaining.

12-ounce, beige ceramic mug

**\$7.00 HMug**

Or, take advantage of the reduced rate and buy a set of four.

**\$19.95 SetHMug**



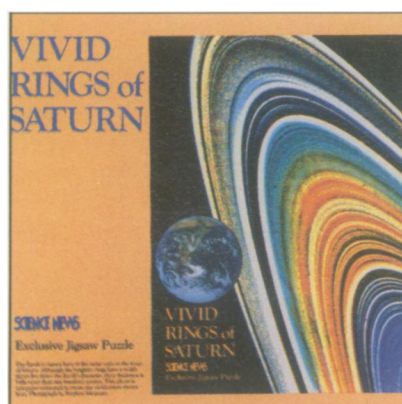
## In the Company of Whales

**Gentle Giants of the Watery Realm Video**

Come travel in the company of the largest animals to ever live on Earth, powerful creatures of extraordinary grace and intelligence, and masters of the sea where they have existed for more than 30 million years! Eighteen months in the making and beautifully filmed in 15 locations around the world, *In the Company of Whales* reveals phenomenal whale encounters never before captured on film.

1992, 90 mins., VHS

**\$19.95 VidWhales**



## Vivid Rings of Saturn Puzzle

SCIENCE NEWS' exclusive 600-piece jigsaw puzzle, features Saturn's rings with the Earth superimposed and shown to scale. Assembled size 18" x 24".

**\$9.95 PuzSN**

Or buy two and save!

**\$15.00 2PuzSN**