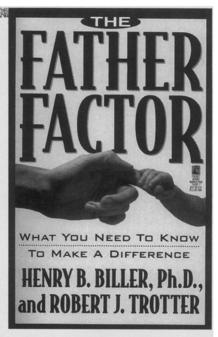
The Weekly Newsmagazine of Science September 24, 1994 Vol. 146, No. 13 Pages 193-208 **Perfidious Protein**

The image of child rearing can no longer be confined to women, as society realizes that positive male authority figures have a powerful impact upon our children's lives. In *THE FATHER FACTOR* authors Henry B. Biller and Robert J. Trotter, draw on 30 years of research in family development to demonstrate how dads can make a difference to their children.

Many of today's new fathers would like to play a larger part in their child's life, but lacking any male authority figures of their own, simply do not know what to do. In *THE FATHER FACTOR*, Biller and Trotter offer these new dads practical advice on how to develop, strengthen, and maintain the father-child bond. Some of the many topics covered include:

- ♦ How a mother-child bond differs from a father-child bond.
- Why it is important for fathers to be part of the pre-natal process.
- ♦ How fathers can play a part in each stage of child development.
- ♦ How fathers can play a part in their children's teen years.
- What special efforts need to be made by single fathers, part-time fathers, and step-dads.
 from Pocket Books

Science News Book	ks, 1719 N Street, NW, Washington, DC 20036	FatherFactor
	copy(ies) of <i>The Father Factor.</i> I include a chfor \$10.00 plus \$2.00 postage and handling (totel) ders only.	
Name		
Address		
City	StateZi	p
Daytime Phone		
(use	ed only for problems with order)	RB2154
	A STATE OF THE PROPERTY OF THE	CHARLES OF CHILD SERVICE STREET, SERVICE STREE



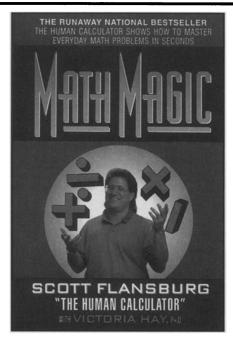
Pocket Books, 1994, 243 pages, 5 1/4" x 8", paperback, \$10.00

To order by phone call: 1-800-544-4565 (Visa or MasterCard Only) In D.C. Area: 202-331-9653

Scott Flansburg's heartfelt belief is that there are no "mathematical illiterates," just people who have not learned how to make math work for them. But millions of otherwise successful adults are afraid to balance their checkbooks. Millions of students dread their math classes. But, as Scott Flansburg demonstrates, anyone can put these phobias to rest and deal with essential everyday mathematical calculations with confidence. In *Math Magic*, Flansburg shows the reader:

- How to simplify calculations through estimation;
- How to quick-check your answers;
- How measurements work and how to quickly convert metric measures to more familiar ones;
- How to figure tips and taxes and be sure you're getting the right change;
- How to figure percentages; and
- How to master algebra using nine easy steps.

— from HarperPerennial



HarperPerennial, 1994, 350 pages, 5¼" x 8", paperback, \$10.00

To order by phone from Science News Books, call: 1-800-544-4565 (Visa or MasterCard Only)

(Visa or MasterCard Only In D.C. Area: 202-331-9653

Science News Books
1719 N Street, NW
Washington, DC 20036

MathMagic

Please send _____ copy(ies) of Math Magic. I include a check payable to Science News Books for \$10.00 plus \$2.00 postage and handling (total \$12.00) for each copy. Domestic orders only.

Name	
Address	
City	
State	
Zip	
Daytime Phone	
(used only for problems with order)	RB2153

America's largest mail order marketplace of unique, hard-to-find

C and OPTICAL PRODUCTS

Edmund Scientific Co. makes science fun and easy with our most popular 'best-sellers' selected from our catalog by millions of hobbyists & students.

Our new, revised 120 page full color edition contains over 4,000 products. A fascinating source book for young scientists searching for creative ideas that can be adapted for science fair projects.

WRITE OR CALL FOR YOUR COPY TODAY!



Any Wall Ur Ceiling Into Ine 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 decas glow after exposure to light. Comes with star chart and instructions to recreate the big dipper, Milky Way and the heavers.

SZ9521 Pkg. of 250 \$4.50

Bring The World 8 Times Closer With This Pocket-Size, Economical 8x20 Monocular

Ideal for birdwatchers, hunters, racing and sports fans. You'll never miss out on that rare bird sighting. the big play, or the photo finish again. This compact Twelver of the photo fan the property of the property o

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 proper-ties. Balls are 3/4" in diameter and have the same density, mass, color and appearance, yet when dropped to the floor one jumps widdy, the other is motioniess. Marvelous thought provider for discrepant event sci-ence. Fact sheet on physical and chemical concerts only event ment for reservoir



roperties plus experiments for classroom se included. \$239,129 \$3.95/Pair; 10 Pairs or more \$3.50

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

Our new design improves this popular model. Carry if with you everywhere measures only 5 ½ x 1½ x ½ x ½ (leaf it source and opties to left you examined the control of the

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

side a multifaceted diamond. Glass equilateral prism is 2' 0mm) long with 1' (25mm) faces. Black plastic mount is x1½, x1½. Sz38.400 \$7.95



Every Detail Of Your Eye Enlarged.

Perform Experiments With Equilateral Prisms Discovered By Sir Isaac Newton.



Mind Boggling Optic Mirage® Creates Baffling Illusions That Defy Explanation.



Even when photographed, the object appears to be on top. Acrylic Mirror Optic Mirage®, 9" dia. SZ72,381 \$39.95

Miniature Water Pump For Photo Darkrooms Science Fairs, Water Displays.



Build Your Own Clock Of Paper, It Really Keeps Accurate Time. 👩 🔯

Cut up this heavy stock 40 page book, supply a little glue, 3 paper clips, nail, string and perseverance and you have a working clock which keeps accurate time and has a real "tick-tock" pendulum



This Motorized Gear Construction Set Is An

Introduction To Engineering
For Little People.
Large gears snap together easily
for small fingers. Easy to
follow diagrams and colordru parts are used to
construct 165 "snaptogether" girders, platforms, wheels, gears, axles and drive belts. Also included

forms, wheels, gears, axies and drive betts. Also included is a hi torque powerpack to power your projects. You'll be able to build moving trains, cars, planes, windmills, catapults and so much more. Instruction booklet included Batteries required (not included). SZ52,014 \$26.95

Radiometer... A Space Age Sphere,

It's fascinating to watch the delicate vanes within this 5" precision-made sphere spin-faster and faster lillustrating 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. \$260,082 \$6.95

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



Every Detail Of Your Eye Enlarged.

Check contact lenses and inspect of with our unique closeup eye inspection mirror. Our precision radius mirror with front surface aluminized coating, allows you to inspect your
own eye by simply holding the miror approximately 2 inches in front of irritant allen particles. Mirror is 2 inches in diameter with
front surface aluminized coating.

Sz39,152 89.95

Every Detail Of Your Eye Ledau Cents. Invest of direction of rotation. Spin the space pet the of a
direction of rotation. Spin the space pet the of a
direction of rotation. Spin the space pet the of a
direction of rotation. Spin the space pet the of a
direction of rotation. Spin the space pet the of a
direction of rotation. Spin the space pet the of a
direction of rotation. Spin the space pet the of a
direction of rotation. Spin the space pet the of a
direction of rotation. Spin the space pet the of a
direction of rotation. Spin the space pet the of a
direction of rotation. Spin the space pet the of a
direction of rotation. Spin the space pet the of a
direction of rotation. Spin the space pet the of a
direction of rotation. Spin the space pet the of a
direction of rotation. Spin the space pet the of a
direction of rotation. Spin the space pet the of a
direction of rotation. Spin the space pet the of a
direction of rotation. Spin the space pet the of a
direction of rotation. Spin the space pet the of a
direction of rotation. Spin the space pet the of a
direction of rotation. Spin the space pet the of a
direction of rotation. Spin the space pet the of a
direction of rotation. Spin the space pet the of a
direction of rotation. Spin the space pet the of a
direction of rotation. Spin the space pet the of a
direction of rotation. Spin the spin that the spin tha direction of rotation. Spin the space pet the other way and it will stop, rock up and down on the long axis, and then reverse its spin. Hint: the round edge is an eilipsoid with its axis aliqued at an angle of about 5° to 10° from the main axis of the stone. Angular momentum is conserved, but it doesn't look it. Made of injection molded acrylic. Size: 3° v × v × v × Package of 3 \$7.39,912 \$5.95

Deluxe Precision Gyroscope Performs Gravity

It the Equilateral
Life Teach Newton.

Prism discovery optics have three equal 60' angles, ideal for class-room demonstrations. Turn sunshine into rainbows, bend light, even make a periscope. You spersion of white light into malting to the make 100mm, \$Z31,797 \$5.75 (100mm, \$Z31,798 \$5.85 (150mm, \$Z31,799 \$5.25) (314' diameter gyro and instructions.



No Risk Guarantee! If you are not completely satisfied with your purchase, return the merchand in its original package and we will cheerfully refund your money in full. We back our products! Our 45 day unconditional guarantee means you take no risk on any product you buy from us.







NEW! Locate Your Distance From As Far As The Eye Can See... With Our Pocket Rangefinder.

Precision made, pocket-size, easy-touse stadimetric 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 slidetype calculator in yards, statute or
nautical miles or can be converted to
metric. Water and corrosion proof.
Non-magnetic, 4" diameter, 11/s"

Build Your Own Solar Laboratory. NEW!

Build Your Own Solar Labbraus

Build Your Own Solar Labbraus

Use nature for energy and demonstrate 150 experiments by building a solar furnace, electronic thermometer, solar energy mobiles, moire energy mobiles, moire and a stroboenergy mobiles, moire patterns and a strobo-scope. Experiment with photosynthesis and producing electricity. Ideal for selected as it is comes complete relactric motor, 600 milliamp solar cell, 50 micro-slactric motor, 600 milliamp solar cell, 60

electric motor, our militaring solar commenter, solar water heater, parabolic reflector, strobe disc, magnifying glass, thermometer, LEDs, diodes and test tube. \$Z31,325 \$39.95

Have You Ever Seen The Inside Of Your Eye? 1/1/ an



NEW! PRICE \$4995

Lightweight, Measures Less Than 5.5"

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

projects a brilliant red laser dot to focus a SZ52.442 PRICE BREAKTHROUGH! ONLY \$49.95

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



Now, you'll know at a glance, with large, easy-to-read LED readout numbers, both the outside and inside temperature. Thermometer also records high Reg. \$46 SZ38,038 on sale \$30

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 protoplasm as it defies gravity by ng up and out of its container. It's rated plastic — just add water to e it. Completely harmless. Dual pack 2 Packages, \$238,440 \$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, voul be amazed at what you pull up, W. 2 lbs., measures 4x3/x3/². Made with a poly-Vinyl Chloride coating to resist corresion and chipping. \$Z71,135 \$34.95



Rocks

This Clever

Gadget... Will Tell

You Are.

uashouard with self sticking tape (incl.) or can be carried with you in your pocket. Built-in weather barometer to warn you of impending storms (incl.). \$234,544 \$39.95

Hand Propelled

\$Z39,142 \$5.25

ackage of 3

Just rub the stick briskly bety

Our Six Favorite Science Toys That Teach.

Amazing Flying Bird
 A \$27.24 Value!

• Whirling Gyroscope Sun Powered Radiometer SZ52,380

 Rainbow Maker SPECIAL \$1995 Fickle Foam

· Space Pet

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



700 SCIENCE POPER New up-to-date edition of the best known composition of the best known composition of the 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. \$79301 \$13.95

"333 Science Tricks And Experiments"



Science Tricks And Experiments
Science students will find ideas for projects involving basic scientific principles, including inertia, gravity, magnetism and the mysteries of chemistry in this well illustrated book. 208 pages, by Robert Brown - uses inexpensive materials with step-by-step instructions. SZ9703 \$9.95





- liquids, solids or live animals. Three feed, notched beams (100-550, 10-100, 0-10 grams) have center readings, siting poises. 610 gram capacity. Stainless 67 platform 18xx65 \$271,895 \$85. Acc. Wh. Set, expands scale to 2,610 cap including 1-500 and 2-1000 gram wts. \$241,766 \$26.00

Fun And Intriguing! You'll Play For Hours With These Colorful Magnetic Magic Marbl

Build a mountain or odd geo-netric patterns with these

Barring

Edmund Scientific Co.

Bank Number (MasterCard Only)



A Bird Watchers Delight...

adapter. It can be hung or mounted on a pole.

Total Price

D		STOCK NO.	QII.	PHICE
Dept. 14D9, C915 Edscorp Bldg. Barrington, NJ 08007 METHOD OF PAYMENT:				
☐ Check enclosed	□ VISA		-	
☐ MasterCard ☐ American Express ☐ Discover	☐ Diners Club ☐ Carte Blanche ☐ Optima			
Exp. Date				
Card Number		115374501111101		

ure	In NJ Add 6% Sales Tax _
RUSH FREE 120 PAGE FULL COLOR CTALOG	TOTAL ENCLOSED

RUSH FREE 120 PAGE FULL COLOR CTALOG	TOTAL ENCLOSED		
ame			
ddress			

City_

For Phone Orders, Call 1-609-547-8880

for friendly special treatment

Use Visa, MasterCard, Diners Club, Am. Exp., Discover, Carte Blanche or Optima. Call anytime, 24 hours a day. MOST ORDERS SHIPPED WITHIN 48 HOURS