

Introduce the children in your life to science through these books and cassette tapes for ages 4-8 from Harper & Row publishers.



The "Let's-Read-and-Find-Out" books and cassettes contain up-to-date information, colorful illustrations, large type, original music in stereo and exciting sound effects.

Germs Make Me Sick!

One day you feel fine; the next day your throat hurts, your head aches and you have a fever. You've caught a germ. You can't see germs with your eyes, but they are all around — in the air you breathe, in the food you eat and on everything you touch. Find out why some germs cause illness, and how your body fights them off to make you well again. By Melvin Berger, \$7.95 [A]

Comets

Long ago, people were afraid of comets. They thought a comet was a warning of something terrible about to happen. We know this is not so. Comets are masses of dust, stones, ice and gas that appear and disappear in the sky. Children can read all about comets and discover why they have fascinated people for thousands and thousands of years. By Franklyn M. Branley, \$7.95 [B]

Flash, Crash, Rumble, and Roll

Everyone knows what a thunderstorm is. Big, dark clouds form in the sky. The rain falls fast and hard. Lightning flashes again and again, and you hear the thunder crash, rumble and roll. Curl up in a chair and find out not only why all these things happen but how to stay safe in the storm. By Barbara and Ed Emberley, \$7.95 [C]

My Visit to the Dinosaurs

Come along on a visit to the dinosaur hall. Walk through the museum, see the skeletons of giant creatures who ruled the earth millions of years ago. Meet Brachiosaurus, Stegosaurus and Diplodocus. See meat eaters and plant eaters, dinosaurs with over 1,000 teeth, dinosaurs that could swim . . . and of course, the king of them all, the gigantic *Tyrannosaurus rex*. By AlikI, \$7.95 [D]

Air Is All Around You

The air on Earth weighs 5 quadrillion tons. That's 5,000,000,000,000,000 tons. Even so, we can't see it or smell it. We can't even feel the air unless it is moving. But simple experiments will prove it is there. Without air there would be no life. By Franklyn M. Branley, \$7.95 [E]

What the Moon Is Like

From earth, it looks as if there is a man in the moon. But up close the moon looks very different. Only twelve people have ever seen it first-hand — twelve astronauts who walked on the moon and even rode moon cars. From the pictures the astronauts took and the dust and rocks they brought back, we now know a lot about what the moon is really like. Maybe someday you'll be able to go there and see for yourself! By Franklyn M. Branley, \$7.95 [F]

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A. Germs B. Comets C. Flash D. Dinosaur E. Air F. Moon

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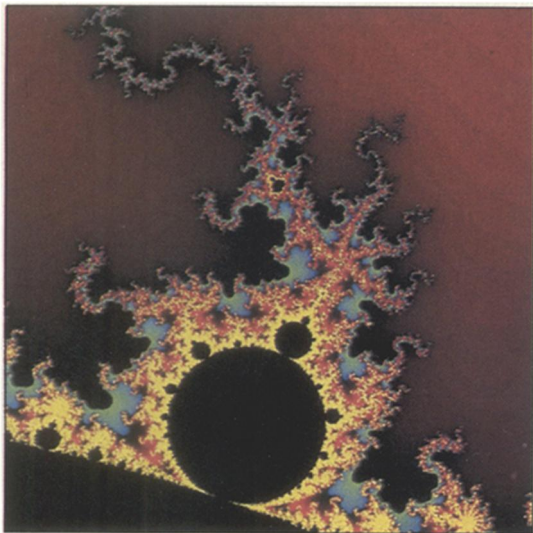


The Beauty of Fractals

Images of Complex Dynamical Systems

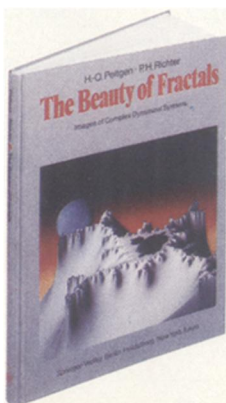
H.-O. PEITGEN and P.H. RICHTER

Intellectually stimulating and full of beautiful color plates, this book by German scientists Heinz-Otto Peitgen and Peter H. Richter is an unusual and unique attempt to present the field of Complex Dynamics. The astounding results assembled here invite the general public to share in a new mathematical experience: to revel in the charm of fractal frontiers.



In 88 full color pictures (and many more black and white illustrations), the authors present variations of a theme whose repercussions reach far beyond the realms of mathematics. They show how structures of unseen complexity and beauty unfold by the repeated action of simple rules. The implied unpredictability of many details in these processes, in spite of their complete determination by the given rules, reflects a major challenge to the prevailing scientific conception.

- Learn more about the important mathematical and scientific content of the Mandelbrot set and enjoy the beauty and complexity of this fascinating discovery.
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- Four invited contributions by leading scientists — including Benoit Mandelbrot — and one artist complement the book with further background and provocative views about the relation of science to art.



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1986, 110 pages
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Please send _____ copy(ies) of *The Beauty of Fractals*. I include a check payable to Science News Books for \$35.00 plus \$1.00 handling (total \$36.00) for each copy. Domestic orders only.

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Model 500: Set includes 7 functioning capsules which enable you to construct a variety of exciting models: "Fire Engine," "Moon Rover," "Ferry Boat," "Elevator." Discover principles of physics, electricity and mechanics. See the gears run with precision accuracy through the clear capsules as they propel your model. Set includes 72 parts and builds 39 models plus your own creations.



Model 1000: Chain wheel drive action vehicles and other dynamic models you can easily build using toothed gear chain links in combination with extender bar connectors. Watch the incredible gears run with precision accuracy through the clear capsules as you construct an overhead "Popway" or the rocy "Motorcycle" or the fan drive "Floor Polisher." Set includes 180 parts and builds 85 models.

Capsela is a unique concept in construction sets which uses both electrical and mechanical theory.

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The variety is unlimited and so is the fun and interest as land and water models are set in motion by the moving gears and parts, which are visible through clear see-thru capsules. So begin this new adventure by building all the exciting models and enjoy many rewarding hours of fun and interest as you let your imagination go free and create for yourself tomorrow's visions . . . today.

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