

Dorling Kindersley, 1988, 384 pages, 85/8" x 111/ hardcover, \$29.95

A Work of Mammoth **Proportions!**

id you know that the principle behind the zipper also governed the building of the pyramids? Did you know that the dentist's drill is a direct descendant of the first windmill? Do you know what links a car tire and a parachute, or a wheelbarrow and a bottle opener? These are some of the fascinating connections made by David Macaulay in

this brilliant, original, and highly accessible guide to the workings of machines.

This is no mere catalogue of cutaway diagrams. It is a remarkable overview of technology and of all the key inventions that shape our lives today, infused with the author's humor and unique gift for bringing potentially difficult concepts into the context of everyday life.

David Macaulay not only demonstrates how machines do what they do-from the simplest lever to the most sophisticated computer—he also shows how the concept behind one invention is linked to the concept behind another. Using the humorous analogy of a woolly mammoth to illustrate principles, he offers even the least mechanically minded reader a window of understanding into the complexities of today's technology.

The Way Things Work provides comprehensive coverage of the workings of hundreds of machines and devices—holograms, hang gliders, airliners, telephones, parking meters, robots, televisions, can openers, compact discs. It also provides explanations of the scientific principles behind each machine—how gears make work easier, for example, and why jumbo jets are able to fly.

The Way Things Work is for readers of all ages. David Macaulay's beguiling treatment of the subject matter offers access to knowledge in a captivating manner that makes discovery fun. - from Dorling Kindersley

Check out The Way Things Work on CD-ROM!

ow, on interactive CD-ROM, featuring outstanding animations and audio, Macaulay's unique and fascinating introduction to the world of science and technology truly comes alive. The machines he draws actually function, and you can see and hear for yourself how things really work with over 1,500 screens and pop-ups, 1,000 illustrations, 300 animations, 60 minutes of audio, and 70,000 words.

"MAMMOTH MOVIES" The Great Woolly Mammoth, the Inventor's loval and long-suffering assistant, acts not only as your guide to the CD-ROM but also stars in a series of animated 'home movies" that illustrate the inventor's scientific breakthroughs.

A CROSS-LINKED WEB OF INFORMATION A single mouse-click lets you jump from the workings of machines to explanations of the scientific principles that underlie them, and from the history of inventions to biographies of the inventors themselves.

IN-DEPTH EXPLANATIONS Countless everyday machines are illustrated, animated, and explained in fascinating detail. -from Dorling Kindersley

WayThingsH WayThingsCD

RB2626

Dorling Kindersley, 1994, \$42.95

**** -Multimedia

World (highest rating)

****/2 -CD-ROM Today

—Home PC

*** -Computer Life (highest rating)

To order

by phone, call:

-USA Today (highest rating)

Mac requirements: computer that supports a 14-inch

Computer that supports a 14-inch (640 x 480 pixels) monitor displacing 256 colors, 4 MB RAM, recommended 6 MB RAM. Standard speed CD-ROM drive, System 7.

Windows requirements: 3865X/25MHz or faster personal computer with at least 4 MB RAM, 8- or 16-bit sound card, standard-speed CD-ROM drive. SVGA (256 color), 640 x 480 pixel display, Windows 3.1.

Science News Books

1719 N Street, NW, Washington, DC 20036

Please send me the item(s) marked below. I include a check payable to Science News Books for the price of the item(s) plus \$2.00 postage and handling for each item (maximum \$6.00 charge). Domestic orders only.

> The Way Things Work, \$29.95 The Way Things Work CD-Rom, \$39.95

Name Address City State Zip Daytime Phone_

(used only for problems with order)

(Visa or MasterCard Only) In DC area: 202-331-9653 snbooks@scisvc.org 202-785-1242

