

A Brief History of Time:

From The Big Bang to Black Holes

By Stephen M. Hawking

Introduction by Carl Sagan

Hawking gives an historical overview of cosmology from the early Greeks to modern times and makes accessible the two great theories of twentieth-century physics: Einstein's General Theory of Relativity, which encompasses the vast scale of galaxies, and quantum mechanics, which operates on the tiny scale of subatomic particles.

When these two theories, currently at odds, are successfully combined, the resulting theory will resolve all the yet-unsolved mysteries of the universe. Hawking maintains that the time is near when science succeeds in this. "If we do discover a complete theory, it should in time be understandable in broad principle by everyone, not just a few scientists. Then we shall all, philosophers, scientists, and just ordinary people, be able to take part in the discussion of why it is that we and the universe exist. If we find the answer to that, it would be the ultimate triumph of human reason — for then we would know the mind of God," he writes.

Among the questions he contemplates are: What is the nature of time? When an expanding universe collapses, will time run backward? Will we "remember" the future? Are we actually part of a universe with at least eleven dimensions? Will holes in the fabric of spacetime permit astronauts to visit other galaxies or move through time? Will the "big bang" theory be replaced by the notion of the universe as a continuum with no boundaries?

— from the publisher

Bantam Books, 1988, 6 1/4" x 9 1/4", 198 pages, hardcover, \$18.95
ISBN 0-553-05243-8. Four tapes, total playing time: approximately 6 hours, \$24.95 ISBN 1-55800-113-1.

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

Please send *The Brief History of Time*:

_____ Book \$18.95
_____ Tapes \$24.95

Please include \$2.00 postage and handling for each item ordered.
Maximum \$4.00 charge.

Name _____

Address _____

City _____

State _____ Zip _____

RB1014



© Miriam Berkley

"With the chapter called 'Black Holes Ain't So Black,' things begin rapidly to pick up: 'One evening . . . I started to think about black holes as I was getting into bed. My disability makes this rather a slow process, so I had plenty of time . . .' Hawking goes on to tell us about his discovery that small black holes should actually be powerful energy sources. His explanation for this represents the first successful attempt to combine theories of gravity and quantum mechanics."

— Rudy Rucker, for
the *Washington Post*

Also available as a four-cassette volume. Listen to *A Brief History of Time* before, after, while or instead of reading it. The book is read by Michael Jackson whose nationwide talk show has won seven Emmy awards.

The price of looking it up just went way down!



While most unabridged dictionaries sell for as much as \$70, this 2,300-page Webster's costs only \$19.95. Through a special arrangement with the publisher, we are now able to offer this \$79.95 value at a 75% markdown. That's \$60 off the original price! Now, you can bring this widely respected reference into your home, office, or classroom. And just look at what the Webster's contains:

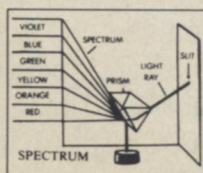
- Over 320,000 Words
- More than 3,000 Illustrations
- 19 Encyclopedic Supplements
- A Thumb-Indexed Format

This Standard Reference Has Over 320,000 Words

For more than 40 years, the Webster's comprehensiveness has made it *the* standard reference. With over 320,000 words and phrases, the *Webster's New Universal Unabridged Dictionary* continues that great tradition. The Webster's defines common and obscure words, words used in other centuries and words newly created in the sciences and the humanities.

The Webster's is strong on visuals, too. Finely detailed pen drawings appear throughout the text. These illustrations help make the Webster's a fun, visually exciting learning experience, especially for children.

More Than 3,000 Illustrations



SAVE \$60

19 Encyclopedic Supplements

Other dictionaries may contain a few supplements, but the Webster's has over 150 pages of specialized information for every interest. Here are just some of the categories and features included:

- 9 Large, Full-Color Maps
- Dictionaries of Place Names and Geographical Features
- A Dictionary of Biography
- Dictionaries of Names from the Bible, Myths, and Fiction
- A Dictionary of Commonly Used Abbreviations
- Forms of Addresses
- The Basics of Practical Math
- Commonly Used Financial and Commercial Terms
- A Dictionary of Foreign Words and Phrases

A Tradition of Quality

Concise, correct, complete definitions have been the hallmark of the Webster's since the distinguished philologist Noah Webster published the first edition in 1806. The Webster tradition of quality also extends to its format and organization. The pages are thumb-indexed for handy reference. While other large dictionaries use eye-straining type, the Webster's features good-sized print, with defined words standing out clearly in boldface. To make reading easier still, each definition is listed on a separate line or set of lines.

\$19.95 Is An Unbeatable Value!

An unabridged dictionary that boasts over 2000 pages and sells for only \$19.95 is a rare find, especially when the dictionary bears a famous name like **Webster's**. It's all part of Barnes & Noble's bend-over-backwards policy of bringing you the best books available at unbeatable prices. And with an unconditional return policy, a Webster's Dictionary at only \$19.95 is an irresistible offer.

Barnes & Noble Unconditional Guarantee

You must be completely satisfied with every item you order from Barnes & Noble by mail, or you may return it to us, for a full refund.

Barnes & Noble

Booksellers Since 1873

126 Fifth Ave., Dept. W515, N.Y., N.Y. 10011

1189398. Please rush me ___ copies of the Webster's New Universal Unabridged Dictionary at your special sale price of \$19.95 (plus \$3.00 shipping & insurance per volume). **N.Y., N.J., PA., MA., res. add sales tax.**

Name _____

Address _____

City _____

State _____ Zip _____

Payment enclosed

I prefer to charge this purchase to:

AMEX VISA MasterCard

Acct. # _____ Exp. _____

Signature _____

For Faster Service

Credit Card Customers Call Toll Free

1-800-228-3535

24 Hours-7 Days a week
in Nebraska 1-800-642-9606

