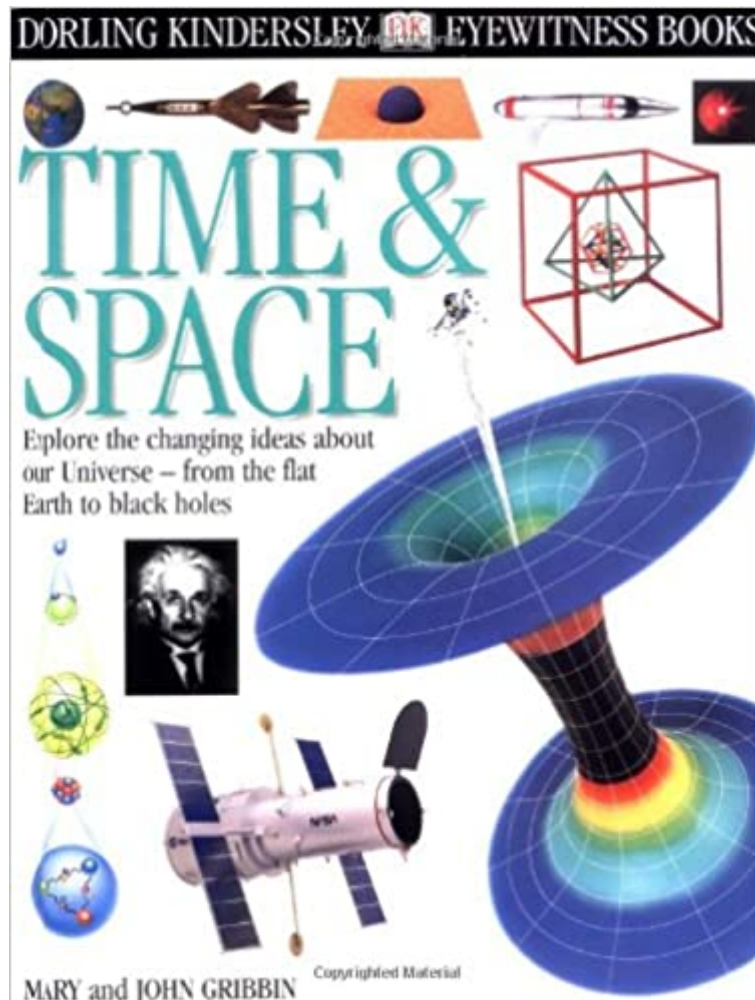




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Eyewitness: Time & Space (Eyewitness Books)



Synopsis

Featuring an extra-sturdy library binding! Here is a spectacular, thought-provoking, and highly informative guide to the mysteries of the Universe. Superb full-color photography of scientific instruments, experiments, and innovative 3-D models reveals the discoveries and latest research that have transformed our understanding of the Universe. See how time and space are measured, the world's largest telescope, in Hawaii, a sonic tape measure, inside an atom, and how pulsars flicker on and off with amazing precision. Learn how far it is to the Moon, whether time can stand still, how to pop through a wormhole, how Einstein helped prove that everything is made of atoms, when the world's oldest observatory was built, and why "London Time" was introduced in 1840. Discover how the Universe is expanding, whether Schrodinger's cat is dead or alive, bouncing universes, what astronomers call "spaghettification", the difference between biotime and biospace, how ripples in spacetime happen, and much, much more.

Book Information

Series: DK Eyewitness Books

Library Binding: 64 pages

Publisher: DK Children; 1st edition (June 1, 2000)

Language: English

ISBN-10: 0789467151

ISBN-13: 978-0789467157

Product Dimensions: 8.8 x 0.4 x 11.4 inches

Shipping Weight: 1.2 pounds

Average Customer Review: 4.5 out of 5 stars 6 customer reviews

Best Sellers Rank: #809,456 in Books (See Top 100 in Books) #304 in [Books > Children's Books > Education & Reference > Science Studies > Astronomy & Space > Aeronautics & Space](#) #329 in [Books > Children's Books > Education & Reference > Science Studies > Physics](#) #447 in [Books > Children's Books > Education & Reference > Science Studies > Astronomy & Space > Astronomy](#)

Age Range: 8 - 12 years

Grade Level: 3 - 7

Customer Reviews

...a mini museum between the covers of a book. [Eyewitness series] -- The New York Times
These books' striking visual impact will draw in even the most casual readers. [Eyewitness series] --

This is a very good introduction to the elements of so called modern physics. I would recommend that book to fourth graders and up including adults. Do not look for any equations though as the book is for meant to popularize the subject. My disappointment that resulted in taking one star off comes from the fact that both general and special theory of relativity are not described in clear direct way. It is more like beating around the bushes. Much more effort was given to describing their proofs than to explaining what they are. A short two page chapter about "Timescales of history" (pages 24-25) was Ok but I did find putting a photograph of Charles Darwin completely irrelevant and out the blue. I would strongly suggest replacing Darwin with some ancient astronomer, and expanding the contents with some more interesting things like changes in the way the sky looked like 2000 years ago, and how it will look like in the next 2000 years vs. now. Chapter "The birth of scape and time" that is next to the last chapter might sound highly controversial to some people. I found it actually very good and acceptable. Authors do not attempt to cover the origin of big bang, whether it was a spontaneous event or the result of Creation. They simply present the scientific theory how the universe might have looked in time slightly greater than zero. In the end the matter has been for ages called as the "dust of the earth".

This is excellent book for the kids and young adult, good pictures to explain concepts.

This book changed my life. This was the very book that got me interested in quantum physics and opened the door to true reality. It's a little dated, but it's still very informational and explains things perfectly for young adolescents. Because of this book, I can't wait to ship off to college and become a physicist!

Eyewitness Time & Space tells about many time theorys as well as space theorys (actually, they are one, also known as "spacetime" as it metions in the book.) This book tells about the history of time and space and how people have dealt with it over the milleniums and centuries, bio-space and bio-time, and spacetime laws. It even talks about going "across the universes". This means there are parallel dimensions happening trillions at a time when someone makes a choice and goes up that "root" in time, also known as "quantam universes". Sound confusing enough? There's also a chapter at the end of the book that says how you can create a time machine, but it would be really difficult, becuae it says you need a black hole. This book is facinating, yet it may be confusing to

some people.

I've read a lot of books about space, but this is the most detailed space book I've ever read. The part about time machines and black holes was confusing but very interesting. I had no idea it was possible to make a time machine, or is it? This book may not be right on everything but I trust it. I trust all the books I read (not including fiction books). The part about the box and the light going through was really interesting. I don't get everything in the book, but I still liked it.

I got this book from the kids' section at our public library to help with some research I was doing. I haven't been a kid in decades, but I still absolutely loved Time & Space. Today, after having renewed the library book three times, I decided to order it from . It's something I want in my permanent library. I do not have a scientific mind, but that's okay. This book is written for the non-Einsteins among us.

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