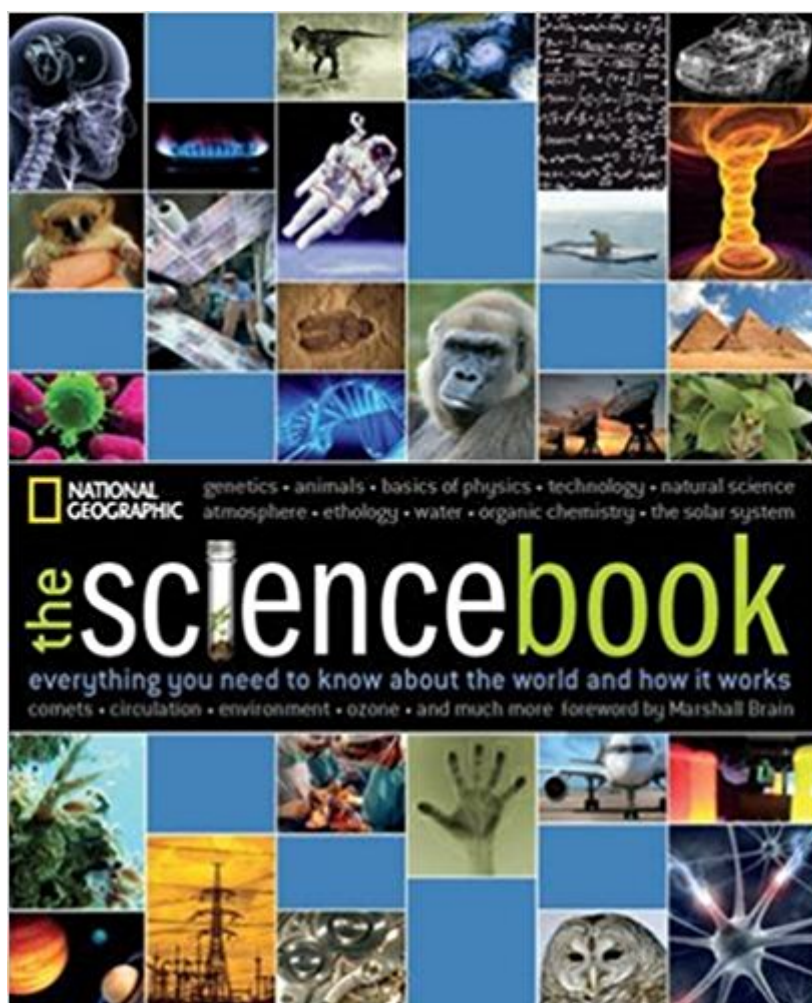


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The Science Book: Everything You Need To Know About The World And How It Works



Synopsis

The Science Book: Everything You Need to Know About the World and How It Works encapsulates centuries of scientific thought in one volume. Natural phenomena, revolutionary inventions, scientific facts, and the most up-to-date questions are all explained in detailed text that is complemented by visually arresting graphics. Six major sections ranging from the universe and the planet Earth to biology, chemistry, physics, and mathematics are further broken down into subsections that encompass everything from microscopic life to nuclear power. The Science Book covers a wide range of scientific areas, providing both a general overview of topics for the browsing reader, and more specific information for those who wish to obtain in-depth insight into a particular subject area. Natural phenomena, revolutionary inventions, scientific facts, and up-to-date questions are explained in detailed texts. The vivid illustrations, pictures, and graphics throughout the book make the information even more accessible and comprehensible. Within the book, the theory of the universe and the character of the earth are detailed, along with an overview of the diverse living organisms that can be found on Earth. The technical developments and achievements of humankind are discussed and we pay particular attention to subjects of current interest, like climate change and genetic engineering. The well-structured organization of this book with its numerous sections and chapters offers the reader an entertaining introduction into the large field of natural sciences and allows just as well for quick reference. Events and issues of special significance are discussed in greater detail in side bars of 3 different kinds. Numerous cross-references within the chapters and to other sections of the book emphasize the many links between the individual scientific fields. Illustrative elements, such as 3-D-graphics and pictograms and the great variety of photographic material make even the most complex information easy

Book Information

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Customer Reviews

Marshall Brain is the founder of the award-winning website HowStuffWorks.com. A graduate from Rensselaer Polytechnic Institute, he earned his master's in computer science from North Carolina State University, where he later taught. Named one of the Carolina's top entrepreneurs by Ernst & Young, Brain is also a distinguished speaker and author of more than a dozen books, in which he masterfully simplifies complex subject matter into a digestible format for people of all ages and experience levels.

I bought this as a Christmas present for my then 10-year old son last year. I don't think he looked at it a ton until recently, but he's super into it now. It has tons of information, so none of it is super in depth, but it's not terribly superficial, either. (How's that for vague? Haha!) It's kind of like an encyclopedia for science. Has a fair amount of information on many, many topics, including physics, dinosaurs, technology, and biology. It's great. It's been engaging enough that he's wanted to investigate more in depth on some of the topics on his own. He's pretty science minded and I'm not, so it's also been great at answering certain questions that mom can't. In general, I would recommend this book for older kids though. Even though he's super bright, it definitely has a fair amount that's over his head. That's ok for him because he's persistent and obsessed with science, so your mileage may vary!

Looks like it is going to be a great science curriculum for our homeschooled thirteen year old. She's already peeking and reading what interests her. Beautiful illustrations and informative, concise information.

This tome of 400+ pages covers all aspects of science and the topics are laid out systematically. Some topics are more difficult than others if you aren't already informed on them, and for these topics it would have been more helpful to have a glossary to help better understand terms and concepts. Then again, I'm sure the publisher and authors had limited space and did not intend to go in depth on every topic; thus only so much information could be crammed onto one page. It is a handy reference to have. If you find a topic of interest in the book, like microbiology for example, then you will get a basic understanding from this book, but you will need to find another book to

better explore that particular topic in depth.

This book covers earth science, biology, chemistry, mathematics- all the features of science as a whole. I am using it to supplement my home school science class and it is full of information both new and familiar to myself and my 8th grade daughter.

My child loves to learn about science, so this book was a no-brainer. He loves it!

... YOU 1) don't have a 'hard science' background and 2) would like to have a great all-in-one science encyclopedia, you will most likely LOVE this book. The book contains excellent material, concise yet fairly complete, beautifully illustrated and ... simply fantastic to read and flip through the topics you just feel reading. The writers were bold and claim that the book contains 'everything you need to know about the world and how it works'. I cannot judge the validity of this statement while I feel it covers all the big points in the hard science world nicely. Excellent structure; THE UNIVERSE, THE EARTH, BIOLOGIE, CHEMISTRY, PHYSICS AND TECHNOLOGY & MATHEMATICS. I strongly feel that this book is a masterpiece for readers fulfilling the two points above (incl. myself).

My niece is enjoy reading this.

My daughter is a big science nerd and loves this book!! She is almost 13, and loves to do science experiments and more importantly know why things happen. It is a well done book, explains science, and gives wonderful experiments that teach the basic things so you can easily understand the not so basic things. This is easy to understand but it's definitely not dumbed down. I highly recommend this!

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