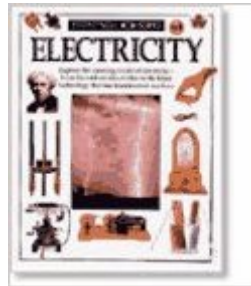




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# Eyewitness Science: Electricity



## Synopsis

How can a piece of amber lift a feather? Why did the early scientists give themselves electric shocks? Includes the answers to these and many other questions.

## Book Information

Lexile Measure: 1070L (What's this?)

Series: Eyewitness Science

Hardcover: 64 pages

Publisher: DK CHILDREN (September 15, 1992)

Language: English

ISBN-10: 1879431823

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Product Dimensions: 8.8 x 0.4 x 11.1 inches

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Average Customer Review: 3.9 out of 5 stars 5 customer reviews

Best Sellers Rank: #1,176,867 in Books (See Top 100 in Books) #129 in [Books > Children's Books > Education & Reference > Science Studies > Electricity & Electronics](#) #13570 in [Books > Children's Books > Science, Nature & How It Works](#)

## Customer Reviews

These books' striking visual impact will draw in even the most casual readers. [Eyewitness series] -- School Library Journal --This text refers to an out of print or unavailable edition of this title.

It is a very good introduction to the history of electricity since the ancient times. Since it is about electricity and not about electronics, do not expect to learn about modern electronic devices. That is ok as the material is easy to comprehend even for children, and there is still a lot of interesting basic facts to learn that would be foundation for electronics. I only wish that there were a follow up book in the series about the contemporary electronic devices. The only thing that, I believe, the book really misses is renewable energy sources. I'd expect to see a wind mill or a hydroelectric power plant included in the contents. These two already existed in 1960s and can be explained without any need for modern electronics (unlike solar cells).

"Our lives have become so dependent on electricity it is hard to believe that people ever lived without it." ~Steve ParkerSteve Parker introduces the reader to the world of electricity. This is the

story of everything from how the brain processes electrical signals to what our life would be like without electricity. He also gives helpful tips about how to prepare for temporary power outages. Topics include: Electric charge, electricity from chemicals, circuits and conductors, magnetism, electromagnets, magneto-electric machines, manipulating energy, electricity in the home, electrical appliances, communication, heat, pressure and light. This book is filled with pictures and entertaining facts. You can see how to electroplate a silver spoon or see a 1918 food beater driven by a small electric motor. There is information on farms of windmills and useful URL's for fun websites. A list of "Places to Visit" gives ideas for unique science and art museums. ~The Rebecca Review

When though the book is lacking in breadth, it manages to cover a vast territory in a few pages. I'm impressed with the fact that it does seem as though you are touring an electricity museum. High resolution photos and cutaway sections of devices are labelled so that reading the captions become easy. I would hope that in the continuing editions, they focus more on transistors and silicon technology for the age we are in today.

Kids loved it. Easy to read.

This book has all the ins and outs of the history of electricity, however, it is more for older children, and adults as well. My 4 year old loves lights and electrical things, but he didn't get a kick out of this book, even when reading it over with me. Mostly historical information.

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