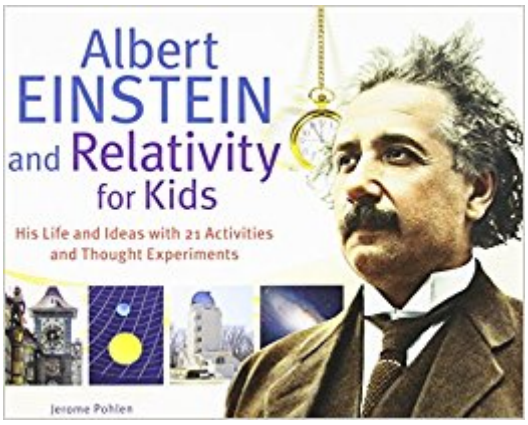
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Albert Einstein And Relativity For Kids: His Life And Ideas With 21 Activities And Thought Experiments (For Kids Series)



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Synopsis

Best known for his general theory of relativity and the famous equation linking mass and energy, E = mcÃ Â , Albert Einstein had a lasting impact on the world of science, the extent of which is illuminatedÃ¢â ¬â •along with his fascinating life and unique personalityÃ¢â ¬â •in this lively history. In addition to learning all about EinsteinÃ¢â ¬â„¢s important contributions to science, from proving the existence and size of atoms and launching the field of quantum mechanics to creating models of the universe that led to the discovery of black holes and the big bang theory, young physicists will participate in activities and thought experiments to bring his theories and ideas to life. Such activities include using dominoes to model a nuclear chain reaction, replicating the expanding universe in a microwave oven, creating blue skies and red sunsets in a soda bottle, and calculating the speed of light using a melted chocolate bar. Suggestions for further study, a time line, and sidebars on the work of other physicists of the day make this an incredibly accessible resource for inquisitive children.

Book Information

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Series: For Kids series

Paperback: 144 pages

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Age Range: 9 and up

Grade Level: 4 and up

Customer Reviews

"Motivated readers will be rewarded with a better understanding of the theories behind the science

used today." Ã Â Ã¢â ¬â •School Library Journal"Pohlen provides clear explanations, filled with readily graspable analogies, and often walks readers, step by step, through EinsteinÃ¢â ¬â„¢s own thought experiments . . . A great resource for curious kids ages 9 and up, who might not otherwise have access to this topic."Ã Â Ã¢â ¬â •Home Education Magazine"I thoroughly enjoyed the effective melding of anecdotes, life history, and scientific achievements."Ã Â Ã¢â ¬â •National Science Teachers Association"A great introduction to a man and an equation that are usually considered advanced fareÃ¢â ¬â •but are central to everybody's way of life."Ã Â Ã¢â ¬â •GeekDad"An incredibly accessible resource for inquisitive children," and "a must for Science Teachers."Ã Â Ã¢â ¬â •Science Project Ideas for Kids"What I love about this book is . . . everything! It's fascinating, informative and essential, plus curious kids will love and understand it." Ã Â Ã¢â ¬â •Good Reads with Ronna"You'll find plenty of material in this fascinating book to challenge and pique your imagination."Ã Â Ã¢â ¬â •BookLoons"I wish that something like this was around to help me out back when I was in school!" Ã Â Ã¢â ¬â •Concert Katie

Jerome Pohlen is a former elementary school science teacher, an engineer,Ã Â an editor, and the author of a dozen award-winning science kits, including Famous Experiments, Microscopic World, and Wild Weather. He lives in Chicago.

My son (8) is loving this book. It's very nicely sectioned and full of information, facts and "thought" experiments. Very happy with it!

This book has many activities in it which makes it interactive. Time dilation and length contraction were well explained and were interesting. Overall this is a fantastic book for kids of ages 9-15. Well done Jerome!

My nine year old son has been reading this since he got it for Christmas. Very impressed.

Great book, it did get attention of our 10 years old boy that is not easy this days of I-pads.

Great introduction about Albert Einstein. Adult may enjoy it like children can enjoy the publication.

Great for kids

Purchased this book for my son! Encouraging story and activities for intelligent young ones!

Great book about Einstein, his life and his work. Also, good bits of info about other scientists who were his contemporaries.

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