



Albert Einstein and Relativity for Kids: His Life and Ideas with 21 Activities and Thought Experiments (For Kids series)

By Jerome Pohlen

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Best known for his general theory of relativity and the famous equation linking mass and energy, $E = mc^2$, Albert Einstein had a lasting impact on the world of science, the extent of which is illuminated—along with his fascinating life and unique personality—in this lively history. In addition to learning all about Einstein'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.

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Review

"Motivated readers will be rewarded with a better understanding of the theories behind the science used today." —*School Library Journal*

"Pohlen provides clear explanations, filled with readily graspable analogies, and often walks readers, step by step, through Einstein's own thought experiments . . . A great resource for curious kids ages 9 and up, who might not otherwise have access to this topic." —*Home Education Magazine*

"I thoroughly enjoyed the effective melding of anecdotes, life history, and scientific achievements."
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"A great introduction to a man and an equation that are usually considered advanced fare—but are central to everybody's way of life." —*GeekDad*

"An incredibly accessible resource for inquisitive children," and "a must for Science Teachers." —*Science Project Ideas for Kids*

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About the Author

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

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