

The Science Book Big Ideas Simply Explained Dk Publishing

This book provides an inventive visual take on astronomy, biology, chemistry, geology, and physics. With eye-catching artwork, step-by-step diagrams, and illustrations that break down complicated ideas into manageable concepts this book will have readers conversant in genetic engineering, black holes, and global warming in no time. Along the way are found mini-biographies of the most well-known scientists, and a glossary of helpful scientific terms.

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Are human beings less violent than before? Why do we adopt certain moral and political judgements? Why is the gap between rich and poor getting bigger? How do we decide which criminal policies are effective? What is the Population Challenge for the 21st Century? What is social science? In Big Ideas in Social Science, David Edmonds and Nigel Warburton put these and more of our society's burning questions to 18 of the world's leading social scientists including Steven Pinker, Ann Oakley, Lawrence Sherman, Kate Pickett, Robert J. Shiller and Doreen Massey. The result is a collection of thought-provoking discussions that span the fields of sociology, politics, economics, criminology, geography and many more. From the people who brought us the Philosophy Bites series, Big Ideas in Social Science is a fascinating and accessible introduction to the key ideas and findings of the social sciences. The interviews for this book are based on a series of podcasts, Social Science Bites, sponsored by SAGE. Social Science Bites was inspired by the popular Philosophy Bites podcast

(www.philosophybites.com), which was founded by David and Nigel in 2007 and has so far had 26 million downloads. Philosophy Bites has spawned three books, Philosophy Bites, Philosophy Bites Back and Philosophy Bites Again.

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discoveries throughout history. Filled to the brim with beautifully illustrated flowcharts, graphics, and jargon-free language, The Astronomy Book breaks down hard-to-grasp concepts to guide you in understanding almost 100 big astronomical ideas. Big Ideas How do we measure the universe? Where is the event horizon? What is dark matter? Now you can find out all the answers to these questions and so much more in this inquisitive book about our universe! Using incredibly clever visual learning devices like step-by-step diagrams, you'll learn more about captivating topics from the Copernican Revolution. Dive into the mind-boggling theories of recent science in a user-friendly format that makes the information easy to follow. Explore the biographies, theories, and discoveries of key astronomers through the ages such as Ptolemy, Galileo, Newton, Hubble, and Hawking. To infinity and beyond! Journey through space and time with us: - From Myth to Science 600 BCE - 1550 CE - The Telescope Revolution 1550 - 1750 - Uranus to Neptune 1750 - 1850 - The Rise of Astrophysics 1850 - 1915 - Atom, Stars, And Galaxies 1915 - 1950 - New Windows on The Universe 1950 - 1917 - The Triumph of Technology 1975 - Present The Series Simply Explained With over 7 million copies sold worldwide to date, The Astronomy Book is part of the award-winning Big Ideas Simply Explained series from DK Books. It uses innovative graphics along with engaging writing to make complex subjects easier to understand. Shortlisted: A Young Adult Library Services Association Outstanding Books for the College Bound and Lifelong Learners list selection A Mom's Choice Awards® Honoring Excellence Gold Seal of Approval for Young Adult Books A Parents' Choice Gold Award winner

This original, graphic-led book explores and explains the key ideas underpinning

the next. See, for example, how Alan Turing's "universal computing machine" in the 1940s led to smart phones, or how Carl Linnaeus's classifications led to Darwin's theory of evolution, the sequencing of the human genome and lifesaving gene therapies. Part of the popular Big Ideas series, The Science Book is the perfect way to explore this fascinating subject. Series Overview: Big Ideas Simply Explained series uses creative design and innovative graphics along with straightforward and engaging writing to make complex subjects easier to understand. With over 7 million copies worldwide sold to date, these award-winning books provide just the information needed for students, families, or anyone interested in concise, thought-provoking refreshers on a single subject. All the big ideas, simply explained - an innovative and accessible guide to the study of human nature The Psychology Book clearly explains more than 100 groundbreaking ideas in this fascinating field of science.

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classroom practice: neuroplasticity, potential, malleable intelligence, the Body-Brain System, and metacognition. Updated and expanded to include new sections on social and emotional learning, this edition offers a firm foundation for implementing current rigorous standards. The authors draw on their experience working with tens of thousands of educators worldwide to drive the book's focus on practical application. Essential ideas are reinforced through vignettes, examples, inspirational stories from teachers, strategies, reflective questions, and current research on how people learn. New for the Second Edition: An exploration of how guiding students to develop social, emotional, cognitive, affective, and behavioral competencies can improve their personal relationships, peer and teacher interactions, and academic outcomes. An examination of recent advances in understanding how brain plasticity extends over the life span, how working memory supports students to tackle more complex learning tasks, and how teaching students about growth mindsets can power learning. A synthesis of the science behind the power of positivity, learning potential, metacognition, the social aspects of cognition, and the Body-Brain System for classroom and school applications. An expanded reference list with relevant new publications.

Explore the laws and theories of physics in this accessible introduction to the forces that shape our Universe, our planet, and our everyday lives. Using a bold, graphic-led approach The Physics Book sets out more than 80 key concepts and discoveries that have defined the subject and influenced our technology since the beginning of time. With the focus firmly on unpicking the thought behind each theory - as well as exploring when and how each idea and breakthrough came about - seven themed chapters examine the history and developments in areas such as energy and matter, and electricity and magnetism, as well as quantum, nuclear,

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The Oxford Big Ideas Science series has identified nine key science concepts or big ideas that are developed through the curriculum content. It is expected that by the end of Year 10, all students will have an understanding of these big ideas. Each chapter in this series is engineered to build understanding of these big ideas.

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