

# The Science Big Ideas Simply Explained

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## **The Psychology Book** - DK 2017-02-21

Learn about human nature, behavior and how the mind works with The Psychology Book. Part of the fascinating Big Ideas series, this book tackles tricky topics and themes in a simple and easy to follow format. Learn about Psychology in this overview guide to the subject, great for beginners looking to learn and experts wishing to refresh their knowledge alike! The Psychology Book brings a fresh and vibrant take on the topic through eye-catching graphics and diagrams to immerse yourself in. This captivating book will broaden your understanding of Psychology, with: More than 100 ground-breaking ideas in this field of science Packed with facts, charts, timelines and graphs to help explain core concepts A visual approach to big subjects with striking illustrations and graphics throughout Easy to follow text makes topics accessible for people at any level of understanding The Psychology Book is the perfect introduction to the science, aimed at adults with an interest in the subject and students wanting to gain more of an overview. Here you'll discover key concepts by psychologists who have significantly enhanced our understanding of the human mind and behavior. Learn about everyone who's contributed to the big ideas in psychology, incorporating the ideas of today's scientists as well those of the ancient philosophers and pioneers. Your Psychological Questions, Simply Explained If you

thought it was difficult to learn psychology and its many concepts, The Psychology Book presents the key ideas in a clear layout. Learn about the key personalities of the 19th and 20th centuries whose work has made significant contributions to our understanding of human behavior. Fantastic mind maps and step-by-step summaries explain the line of thought clearly for students of psychology and for anyone with a general interest in understanding the human mind. The Big Ideas Series With millions of copies sold worldwide, The Psychology Book is part of the award-winning Big Ideas series from DK. The series uses striking graphics along with engaging writing, making big topics easy to understand.

## *Simply Quantum Physics* - DK 2021-02-23

The clearest, simplest e-guide to quantum physics ever published. Discovering quantum physics has never been easier. Combining bold graphics with easy-to-understand text, Simply Quantum Physics is an essential introduction to the subject for those who are short on time but hungry for knowledge. It's a perfect beginner's e-guide to a strange and fascinating world that at times seems to conflict with common sense. Covering more than 80 key ideas from the uncertainty principle to quantum tunneling, it is divided into pared-back, single- or double-page entries that explain concepts simply and visually. Assuming no previous

knowledge of physics, it demystifies some of the most groundbreaking ideas in modern science and introduces the work of some of the most famous physicists of the 20th and 21st centuries, including Albert Einstein, Neils Bohr, Erwin Schrödinger, and Richard Feynman. Whether you are studying physics at school or college, or simply want a jargon-free overview of the subject, this essential guide is packed with everything you need to understand the basics quickly and easily.

*The Big Idea Science Book* - DK 2010-06-21

Created in partnership with Prentice Hall, The Big Idea Science Book is a comprehensive guide to key topics in science, with a unique difference: 200 specially created digital assets that provide the opportunity for hands-on, interactive learning. Everything in this visually rich ebook falls into four major strands: Living Things, Earth Science, Chemistry, and Physics. Within these four strands are 24 sections, fleshing out major scientific concepts in thrilling and innovative ways. For example, drag racing illustrates the idea that net force causes an object's motion to change. But what really sets this book apart are the 200 digital assets specially created by Prentice Hall. Delivered to readers on the internet, these assets include: animated art that brings to life scientific processes, and then tests readers' knowledge with interactive quizzes; real world inquiries that allow readers to make hypotheses and test them by synthesizing data and drawing conclusions; animated images and video clips; and virtual laboratories in which readers can experiment and combine virtual chemicals. The book and the interactive assets together provide a spectacular, cutting-edge learning environment for kids 8 and up.

*The History Book* - Dorling Kindersley 2016-06-27

The History Book tackles big historical ideas with stunning visuals, key quotes, and important themes that are woven throughout world history. Discover events from the assassination of Caesar to World War I and see the people and events come to life with The History Book, perfect for students, adults, or anyone who wants to understand our fascinating past.

**The Medicine Book** - DK 2021-03-02

Learn about astonishing medical breakthroughs and discoveries in The Medicine Book. Part of the fascinating Big Ideas series, this book tackles tricky topics and themes in a simple and easy to follow format. Learn about Medicine in this overview guide to the subject, great for novices looking to find out more and experts wishing to refresh their knowledge alike! The Medicine Book brings a fresh and vibrant take on the topic through eye-catching graphics and diagrams to immerse yourself in. This captivating book will broaden your understanding of Medicine, with: - More than 100 ground-breaking ideas in this field of science - Packed with facts, charts, timelines and graphs to help explain core concepts - A visual approach to big subjects with striking illustrations and graphics throughout - Easy to follow text makes topics accessible for people at any level of understanding The Medicine Book is a captivating introduction to the crucial breakthroughs in this science, aimed at adults with an interest in the subject and students wanting to gain more of an overview. Here you'll discover more than 90 amazing medical discoveries through exciting text and bold graphics. Your Medical Questions, Simply Explained This fresh new guide explores the discoveries that have shaped our modern-day understanding of medicine and helped us protect and promote our health. If you thought it was difficult to learn about the important milestones in medical history The Medicine Book presents key information in an easy to follow layout. Learn about medical science's response to new challenges - such as COVID-19, and ancient practices like herbal medicine and balancing the humors - through superb mind maps and step-by-step summaries. The Big Ideas Series With millions of copies sold worldwide, The Medicine Book is part of the award-winning Big Ideas series from DK. The series uses striking graphics along with engaging writing, making big topics easy to understand.

**The Sherlock Holmes Book** - DK 2015-10-20

The Sherlock Holmes Book, the latest in DK's award-winning Big Ideas Simply Explained series, tackles the most "elementary" of subjects--the world of Sherlock Holmes, as told by Sir Arthur Conan Doyle. The Sherlock Holmes Book is packed with witty illustrations, clear graphics, and memorable quotes that make it the perfect Sherlock Holmes guide,

covering every case of the world's greatest detective, from A Study in Scarlet to The Adventure of Shoscombe Old Place, placing the sorties in a wider context. Stories include at-a-glance flowcharts that show how Holmes reaches his conclusions through deductive reasoning, and character guides provide handy reference for readers and an invaluable resource for fans of the Sherlock Holmes films and TV series. The Sherlock Holmes Book holds a magnifying glass to the world of Sir Arthur Conan Doyle's legendary detective.

The Astronomy Book - DK 2017-09-07

Learn about planets, stars and black holes in The Astronomy Book. Part of the fascinating Big Ideas series, this book tackles tricky topics and themes in a simple and easy to follow format. Learn about Astronomy in this overview guide to the subject, brilliant for beginners looking to learn and experts wishing to refresh their knowledge alike! The Astronomy Book brings a fresh and vibrant take on the topic through eye-catching graphics and diagrams to immerse yourself in. This captivating book will broaden your understanding of Astronomy, with: - More than 100 big astronomical ideas, theories and discoveries - Packed with facts, charts, timelines and graphs to help explain core concepts - A visual approach to big subjects with striking illustrations and graphics throughout - Easy to follow text makes topics accessible for people at any level of understanding The Astronomy Book is the perfect introduction to the story of our ideas about space, time, and the physics of the cosmos, aimed at adults with an interest in the subject and students wanting to gain more of an overview. Here you'll discover more than 100 of the most important theories and discoveries in the history of astronomy and the great minds behind them. If you've ever wondered about the key ideas that underpin the wonders of the universe and the great minds who uncovered them, this is the perfect book for you. Your Astronomy Questions, Simply Explained How do we measure the universe? Where is the event horizon? What is dark matter? If you thought it was difficult to learn the science of celestial objects and phenomena, The Astronomy Book presents key information in an easy to follow layout. Learn ancient speculations about the nature of the universe, through the Copernican

Revolution, to the mind-boggling theories of recent science such as those of Albert Einstein and Stephen Hawking, with superb mind maps and step-by-step summaries. And delve into the work of the scientists who have shaped the subject, with biographies of key astronomers such as Ptolemy, Copernicus, Galileo, Newton, Hubble, and Hawking. The Big Ideas Series With millions of copies sold worldwide, The Astronomy Book is part of the award-winning Big Ideas series from DK. The series uses striking graphics along with engaging writing, making big topics easy to understand.

**History of the World in 1000 Objects** - DK 2020-09-15

Discover how humans created their world from the objects they left behind - from the US Constitution to the first iPhone - in DK's latest history book. From the beginning of human history, the one thing that has defined us is our talent for making things, from basic technology and everyday objects, such as bowls and hand axes, to high-tech inventions, such as supersonic aircraft, smart devices, and Mars rovers. Objects speak volumes about a civilization, telling us how our ancestors lived - as well as what they believed in and valued. A bronze cat mummy shows us how highly the ancient Egyptians valued their feline companions, while a mechanical tiger toy tells the story of rising tensions between an Indian sultan and European colonizers. With stunning, exclusive photography, History of the World in 1000 Objects shows you the objects that our ancestors treasured - from the jewelry worn by the Mesopotamians to the prized ritual vessels used by the people of the Shang Dynasty - and gives you insight into what gave each culture its own identity. From astrolabes and airplanes to vacuum cleaners and X-rays, DK uses its hallmark visual style to weave the extraordinary legacy of our creativity into a unique view of world history that will change the way you see the objects all around us.

**The ArcGIS Book** - Christian Harder 2017

This is a hands-on book about ArcGIS that you work with as much as read. By the end, using Learn ArcGIS lessons, you'll be able to say you made a story map, conducted geographic analysis, edited geographic data, worked in a 3D web scene, built a 3D model of Venice, and more.

### **The Psychology Book** - DK 2015-02-02

How does memory work? Who is the "distractor" in your family? What was the "car crash" experiment? The Psychology Book is your visual guide to the complex and fascinating world of human behavior. Discover how we learn, become emotionally bonded with others, and develop coping mechanisms to deal with adversity, or conform in a group. Get to know key thinkers, from Freud and Jung to Elizabeth Loftus and Melanie Klein, and follow charts and timelines to make sense of it all and see how one theory influenced another. With concise explanations of different schools of psychology including psychotherapy, cognitive psychology and behaviorism, this is an ideal reference whether you're a student, or a general reader. It's your authoritative guide to over 100 key ideas, theories and conditions, including the collective unconscious, the "selfish" gene, false memory, psychiatric disorders, and autism. If you're fascinated by the human mind, The Psychology Book is both an invaluable reference and illuminating read.

### *The Science Book* - DK 2015-02-02

Discover 80 trail-blazing scientific ideas, which underpin our modern world, giving us everything from antibiotics to gene therapy, electricity to space rockets and batteries to smart phones. What is string theory or black holes? And who discovered gravity and radiation? The Science Book presents the fascinating story behind these and other of the world's most important concepts in maths, chemistry, physics and biology in plain English, with easy to grasp "mind maps" and eye-catching artworks. Albert Einstein once quoted Isaac Newton: "If I have seen further than others, it is by standing on the shoulders of giants." Follow context panels in The Science Book to trace how one scientist's ideas informed 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.

### **The Islam Book** - DK 2020-08-04

Learn about the history and traditions of the Islamic faith in The Islam Book. Part of the fascinating Big Ideas series, this book tackles tricky topics and themes in a simple and easy to follow format. Learn about Islam in this overview guide to the subject, brilliant for novices looking to find out more and experts wishing to refresh their knowledge alike! The Islam Book brings a fresh and vibrant take on the topic through eye-catching graphics and diagrams to immerse yourself in. This captivating book will broaden your understanding of Islam, with: - Images of Islamic art, architecture, calligraphy, and historical artifacts - Packed with facts, charts, timelines and graphs to help explain core concepts - A visual approach to big subjects with striking illustrations and graphics throughout - Straightforward text makes topics accessible for people at any level of understanding The Islam Book is a comprehensive guide essential to understanding the world's fastest-growing religion - aimed at self-educators after a trustworthy account and religious studies students wanting to gain an overview. Here you'll find clear factual writing offering insight into terms like Sharia law, the Caliphate, and jihad; Sunni and Shia divisions; and Sufi poetry and music. Your Islam Questions, Simply Explained This essential guide to Islam covers every aspect of the Muslim faith and its history - from the life of the Prophet Muhammad and the teachings of the Koran to Islam in the 21st century. If you thought it was difficult to learn about one of the world's major religions, The Islam Book presents key information in an easy to follow layout. Find out about modern issues such as fundamentalism, the work of peaceful traditionalists, modernizers, and women's rights campaigners, as well as the central tenets of Islam, such as prayer, fasting, and pilgrimage. The Big Ideas Series With millions of copies sold worldwide, The Islam Book is part of the award-winning Big Ideas series

from DK. The series uses striking graphics along with engaging writing, making big topics easy to understand.

**Principles and Big Ideas of Science Education** - Wynne Harlen 2010

**The Business Book** - DK 2014-12-19

You can achieve your business dream. Beat the odds as you learn from the best - including Henry Ford, Steve Jobs, and Bill Gates - and turn your idea into an amazing and profitable enterprise. The Business Book helps you over the hurdles facing every new business, such as finding a gap in the market, securing finance, employing people, and creating an eye-catching brand. It is a plain-speaking visual guide to 80 of the most important commerce theories including chaos theory, critical path analysis, market mapping, and the MABA matrix. Its graphics and flow diagrams demystify complicated concepts and explain the ideas of seminal business thinkers, such as Malcolm Gladwell's "tipping point" or Michael Porter's "five forces". It shows that you can succeed with stories of rags-to-riches entrepreneurs, including the founders of Hewlett-Packard, who began their global enterprise from their garage. Whether you are a student, a CEO, or a would-be entrepreneur, The Business Book will inspire you and put you on the inside track to making your goal a reality. 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.

*American History, Volume 1* - Thomas S. Kidd 2019-04-01

American History volume 1 surveys the broad sweep of American history from the first Native American societies to the end of the Reconstruction period, following the Civil War. Drawing on a deep range of research and years of classroom teaching experience, Thomas S. Kidd offers students an engaging overview of the first half of American history. The volume features illuminating stories of people from well-known presidents and generals, to lesser-known men and women who struggled under slavery

and other forms of oppression to make their place in American life. The role of Christianity in America is central in this book. Americans' faith sometimes inspired awakenings and the search for an equitable society, but at other times it justified violence and inequality. Students will come away from American History volume 1 better prepared to grapple with the challenges presented by the history of America's founding, the problem of slavery, and our nation's political tradition.

The Sociology Book - Sarah Tomley 2019-12-12

Learn about how we organize our society in The Sociology Book. Part of the fascinating Big Ideas series, this book tackles tricky topics and themes in a simple and easy to follow format. Learn about Sociology in this overview guide to the subject, great for beginners looking to learn and experts wishing to refresh their knowledge alike! The Sociology Book brings a fresh and vibrant take on the topic through eye-catching graphics and diagrams to immerse yourself in. This captivating book will broaden your understanding of Sociology, with: - More than 80 ideas from the world's most renowned sociologists - Packed with facts, charts, timelines and graphs to help explain core concepts - A visual approach to big subjects with striking illustrations and graphics throughout - Easy to follow text makes topics accessible for people at any level of understanding The Sociology Book is the perfect introduction to a range of societal issues, ranging from government and gender identity to inequalities and globalization, aimed at adults with an interest in the subject and students wanting to gain more of an overview. Here you'll find biographies of key sociologists and social activists that give a historical context to each idea. Your Sociology Questions, Simply Explained This book explores the similar issues that affect us all; the tension between the needs of the individual and society, the changing workplace, and the role of everything from government to mass culture in our lives. If you thought it was difficult to learn about social theory, The Sociology Book presents key information in a clear layout. Learn about issues of equality, diversity, identity, and human rights; the role of institutions; and the rise of urban living in modern society, with fantastic mind maps and step-by-step summaries. The Big Ideas Series With

millions of copies sold worldwide, The Sociology Book is part of the award-winning Big Ideas series from DK. The series uses striking graphics along with engaging writing, making big topics easy to understand.

How Technology Works - DK 2019-04-09

Have you ever asked yourself how the inventions, gadgets, and devices that surround us actually work? Discover the hidden workings of everyday technology with this graphic guide. How Technology Works demystifies the machinery that keeps the modern world going, from simple objects such as zip fasteners and can openers to the latest, most sophisticated devices of the information age, including smartwatches, personal digital assistants, and driverless cars. It includes inventions that have changed the course of history, like the internal combustion engine, as well as technologies that might hold the key to our future survival, including solar cells and new kinds of farming to feed a growing population. Throughout the book, step-by-step explanations are supported by simple and original graphics that take devices apart and show you how they work. The opening chapter explains principles that underpin lots of devices, from basic mechanics to electricity to digital technology. From there, devices are grouped by application--such as the home, transportation, and computing--making them easy to find and placing similar devices side by side. How Technology Works is perfect for anyone who didn't have training in STEM subjects at school or is simply curious about how the modern world works.

*The Economics Book* - DK 2014-12-19

All your complicated economic questions and theories explained by world experts. Economics is a broad topic, and your knowledge might be limited if you're not an economist by profession -- until now! The Economics Book is your jargon-free, visual guide to understanding the production and distribution of wealth. Using a combination of authoritative, clear text, and bold graphics, this encyclopedia explores and explains big questions and issues that affect us all. Everything from taxation, to recession to the housing market and much more! By following an innovative visual approach, The Economics Book demystifies

and untangles complicated theories. Make sense of abstract concepts through colorful graphics, fun facts, and step-by-step flow diagrams. Satisfy Your Hunger for Knowledge Dive deeper into the history of economics with this page-turning book! From the ancient Greeks to today, you'll discover over 100 key ideas from the world's greatest theorists like Thomas Malthus, John Maynard Keynes, and Milton Friedman. Fortunately, you don't need an economics degree to gain this type of understanding. The Economics Book is your accessible guide to tons of invaluable economic knowledge and learning how the economy shapes our world! This book will be your guide through the history of economics: - Let the Trading Begin 400 BCE - 1770 CE - The Age of Reason 1770 - 1820 - Industrial and Economic Revolutions 1820 - 1929 - War and Depressions: 1929 - 1945 - Post-War Economics 1945 - 1970 - Contemporary Economics 1970 - Present The Series Simply Explained With over 7 million copies sold worldwide to date, The Economics 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.

*The Seeds of New Earth (the Silent Earth, Book 2)* - Mark R. Healy 2014-12-17

The Earth is in ruins. Cities and nations destroyed. Mankind is extinct. Brant and Arsha are synthetics, machines made in the image of people. They dream of bringing humans back into the world and have the technology to succeed, but the obstacles in their way are mounting. Not only are their own conflicting ideals creating a rift between them, but now the sinister Marauders are closing in as they seek revenge on Brant. Out in the wasteland, strange lights and mysterious objects in the sky herald the arrival of new factions that seek to control the region. Even in the once quiet streets of their own city, malevolent forces are beginning to unfurl that threaten the sanctity of everything they hold dear, jeopardising the future that is within their grasp. The Silent Earth Series Book 1 - After the Winter: [amazon.com/dp/B00P02FBPM](https://www.amazon.com/dp/B00P02FBPM)

**The Maths Book** - DK 2019-09-05

Learn about the most important mathematical ideas, theorems, and

movements in The Maths Book. Part of the fascinating Big Ideas series, this book tackles tricky topics and themes in a simple and easy to follow format. Learn about Maths in this overview guide to the subject, great for novices looking to find out more and experts wishing to refresh their knowledge alike! The Maths Book brings a fresh and vibrant take on the topic through eye-catching graphics and diagrams to immerse yourself in. This captivating book will broaden your understanding of Maths, with:

- More than 85 ideas and events key to the development of mathematics
- Packed with facts, charts, timelines and graphs to help explain core concepts
- A visual approach to big subjects with striking illustrations and graphics throughout
- Easy to follow text makes topics accessible for people at any level of understanding

The Maths Book is a captivating introduction to the world's most famous theorems, mathematicians and movements, aimed at adults with an interest in the subject and students wanting to gain more of an overview. Charting the development of maths around the world from Babylon to Bletchley Park, this book explains how maths help us understand everything from patterns in nature to artificial intelligence. Your Maths Questions, Simply Explained

What is an imaginary number? Can two parallel lines ever meet? How can maths help us predict the future? This engaging overview explores answers to big questions like these and how they contribute to our understanding of maths. If you thought it was difficult to learn about topics like algebra and statistics, The Maths Book presents key information in an easy to follow layout. Learn about the history of maths, from ancient ideas such as magic squares and the abacus to modern cryptography, fractals, and the final proof of Fermat's Last Theorem. The Big Ideas Series With millions of copies sold worldwide, The Maths Book is part of the award-winning Big Ideas series from DK. The series uses striking graphics along with engaging writing, making big topics easy to understand. r to understand.

### **The Physics Book** - DK 2020-03-05

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, and particle physics. Eureka moments abound: from Pythagoras's observations of the pleasing harmonies created by vibrating strings, and Galileo's experiments with spheres, to Isaac Newton's apple and his conclusions about gravity and the laws of motion. You'll also learn about Albert Einstein's insights into relativity; how the accidental discovery of cosmic microwave background radiation confirmed the Big Bang theory; the search for the Higgs boson particle; and why most of our Universe is missing. If you've ever wondered exactly how physicists formulated - and proved - these abstract concepts, The Physics Book is the book for you.

### *Atomic Habits* - James Clear 2018-10-16

The #1 New York Times bestseller. Over 4 million copies sold! Tiny Changes, Remarkable Results No matter your goals, Atomic Habits offers a proven framework for improving--every day. James Clear, one of the world's leading experts on habit formation, reveals practical strategies that will teach you exactly how to form good habits, break bad ones, and master the tiny behaviors that lead to remarkable results. If you're having trouble changing your habits, the problem isn't you. The problem is your system. Bad habits repeat themselves again and again not because you don't want to change, but because you have the wrong system for change. You do not rise to the level of your goals. You fall to the level of your systems. Here, you'll get a proven system that can take you to new heights. Clear is known for his ability to distill complex topics into simple behaviors that can be easily applied to daily life and work. Here, he draws on the most proven ideas from biology, psychology, and neuroscience to create an easy-to-understand guide for making good habits inevitable and bad habits impossible. Along the way, readers will be inspired and entertained with true stories from Olympic gold medalists, award-winning artists, business leaders, life-saving physicians,

and star comedians who have used the science of small habits to master their craft and vault to the top of their field. Learn how to: make time for new habits (even when life gets crazy); overcome a lack of motivation and willpower; design your environment to make success easier; get back on track when you fall off course; ...and much more. *Atomic Habits* will reshape the way you think about progress and success, and give you the tools and strategies you need to transform your habits--whether you are a team looking to win a championship, an organization hoping to redefine an industry, or simply an individual who wishes to quit smoking, lose weight, reduce stress, or achieve any other goal.

**Windows to Our Children** - Violet Oaklander 1988

**The Psychology Book** - DK 2012-01-16

Learn about human nature, behavior and how the mind works with *The Psychology Book*. Part of the fascinating Big Ideas series, this book tackles tricky topics and themes in a simple and easy to follow format. Learn about Psychology in this overview guide to the subject, great for beginners looking to learn and experts wishing to refresh their knowledge alike! *The Psychology Book* brings a fresh and vibrant take on the topic through eye-catching graphics and diagrams to immerse yourself in. This captivating book will broaden your understanding of Psychology, with: - More than 100 ground-breaking ideas in this field of science - Packed with facts, charts, timelines and graphs to help explain core concepts - A visual approach to big subjects with striking illustrations and graphics throughout - Easy to follow text makes topics accessible for people at any level of understanding *The Psychology Book* is the perfect introduction to the science, aimed at adults with an interest in the subject and students wanting to gain more of an overview. Here you'll discover key concepts by psychologists who have significantly enhanced our understanding of the human mind and behavior. Learn about everyone who's contributed to the big ideas in psychology, incorporating the ideas of today's scientists as well those of the ancient philosophers and pioneers. Your Psychology Questions, Simply Explained If you thought it was difficult to learn psychology and its many concepts,

*The Psychology Book* presents the key ideas in a clear layout. Learn about the key personalities of the 19th and 20th centuries whose work has made significant contributions to our understanding of human behavior. Fantastic mind maps and step-by-step summaries explain the line of thought clearly for students of psychology and for anyone with a general interest in understanding the human mind. *The Big Ideas Series* With millions of copies sold worldwide, *The Psychology Book* is part of the award-winning Big Ideas series from DK. The series uses striking graphics along with engaging writing, making big topics easy to understand.

*The Politics Book* - DK 2015-03-02

Politics affects us all and the same questions reverberate across history. Who should rule? Is property theft? What's mightier - the bullet or the ballot? Discover 80 of the world's greatest thinkers and their political big ideas that continue to shape our lives today. Humankind has always asked profound questions about how we can best govern ourselves and how rulers should behave. *The Politics Book* charts the development of long-running themes, such as attitudes to democracy and violence, developed by thinkers from Confucius in ancient China to Mahatma Gandhi in 20th-century India. Justice goes hand in hand with politics, and in this comprehensive guide, you can explore the championing of people's rights from the Magna Carta to Thomas Jefferson's Bill of Rights and Malcolm X's call to arms. Ideologies inevitably clash and *The Politics Book* takes you through the big ideas such as capitalism, communism, and fascism exploring their beginnings and social contexts in step-by-step diagrams and illustrations, with clear explanations that cut through the jargon. Filled with thought-provoking quotes from great thinkers such as Nietzsche, Karl Marx, and Mao Zedong, *The Politics Book* is a thought-provoking and unmissable read for both students and everyone interested in how the world of government and power works. 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.

*The Physics Book* - DK 2020-03-10

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, graphics-led approach, *The Physics Book* sets out more than 80 of the key concepts and discoveries that have defined the subject and influenced our technology since the beginning of time. With the focus firmly on unpacking the thought behind each theory—as well as exploring when and how each idea and breakthrough came about—five themed chapters examine the history and developments in specific areas such as Light, Sound, and Electricity. Eureka moments abound: from Archimedes' bathtub discoveries about displacement and density, and Galileo's experiments with spheres falling from the Tower of Pisa, to Isaac Newton's apple and his conclusions about gravity and the laws of motion. You'll also learn about Albert Einstein's revelations about relativity; how the accidental discovery of cosmic microwave background radiation confirmed the Big Bang theory; the search for the Higgs boson particle; and why most of the universe is missing. If you've ever wondered exactly how physicists formulated—and proved—their abstract concepts, *The Physics Book* is the book for you. 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.

[Learning How to Learn](#) - Barbara Oakley, PhD 2018-08-07

A surprisingly simple way for students to master any subject—based on one of the world's most popular online courses and the bestselling book *A Mind for Numbers*—*A Mind for Numbers* and its wildly popular online companion course "Learning How to Learn" have empowered more than two million learners of all ages from around the world to master subjects that they once struggled with. Fans often wish they'd discovered these

learning strategies earlier and ask how they can help their kids master these skills as well. Now in this new book for kids and teens, the authors reveal how to make the most of time spent studying. We all have the tools to learn what might not seem to come naturally to us at first—the secret is to understand how the brain works so we can unlock its power. This book explains:

- Why sometimes letting your mind wander is an important part of the learning process
- How to avoid "rut think" in order to think outside the box
- Why having a poor memory can be a good thing
- The value of metaphors in developing understanding
- A simple, yet powerful, way to stop procrastinating

Filled with illustrations, application questions, and exercises, this book makes learning easy and fun.

*The Art Book* - Dorling Kindersley 2017-02-27

What makes something a great work of art? Written in plain English, *The Art Book* cuts through the jargon of art history and theory, and is packed with images of the world's greatest works of art and witty infographics that explore the ideas behind them. From prehistoric fertility figures to contemporary video installations, this is the perfect primer to the world of art. -- Cover.

**The Math Book** - DK 2019-09-03

See how math's infinite mysteries and beauty unfold in this captivating educational book! Discover more than 85 of the most important mathematical ideas, theorems, and proofs ever devised with this beautifully illustrated book. Get to know the great minds whose revolutionary discoveries changed our world today. You don't have to be a math genius to follow along with this book! This brilliant book is packed with short, easy-to-grasp explanations, step-by-step diagrams, and witty illustrations that play with our ideas about numbers. What is an imaginary number? Can two parallel lines ever meet? How can math help us predict the future? All will be revealed and explained in this encyclopedia of mathematics. It's as easy as 1-2-3! *The Math Book* tells the exciting story of how mathematical thought advanced through history. This diverse and inclusive account will have something for everybody, including the math behind world economies and espionage.

This book charts the development of math around the world, from ancient mathematical ideas and inventions like prehistoric tally bones through developments in medieval and Renaissance Europe. Fast forward to today and gain insight into the recent rise of game and group theory. Delve in deeper into the history of math: - Ancient and Classical Periods 6000 BCE - 500 CE - The Middle Ages 500 - 1500 - The Renaissance 1500 - 1680 - The Enlightenment 1680 - 1800 - The 19th Century 1800 - 1900 - Modern Mathematics 1900 - Present The Series Simply Explained With over 7 million copies sold worldwide to date, The Math 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.

**The Ecology Book** - DK 2019-04-02

Explore ecology in this accessible introduction to how the natural world works and how we have started to understand the environment, ecosystems, and climate change. Using a bold, graphic-led approach, The Ecology Book explores and explains more than 85 of the key ideas, movements, and acts that have defined ecology and ecological thought. The book has a simple chronological structure, with early chapters ranging from the ideas of classical thinkers to attempts by Enlightenment thinkers to systematically order the natural world. Later chapters trace the evolution of modern thinking, from the ideas of Thomas Malthus, Henry Thoreau, and others, right up to the political and scientific developments of the modern era, including the birth of the environmental movement and the Paris Agreement. The ideal introduction to one of the most important subjects of our time.

**The Black History Book** - DK 2021-11-23

Discover the rich and complex history of the peoples of Africa, and the struggles and triumphs of Black cultures and communities around the world. With profiles of key people, movements, and events, The Black History Book brings together accounts of the most significant ideas and milestones in Black history and culture. This vital and thought-provoking ebook presents a bold and accessible overview of the history of the African continent and its peoples - from the earliest human migrations to

modern Black communities and the African diaspora. Powerful images and innovative infographics bring to life the stories of the early kingdoms of Ancient Egypt, Nubia, and Carthage; the powerful empires of the Medieval and Early Modern eras; and the struggle against European colonizers. Black history and culture beyond the African continent is also explored in detail - including the Atlantic Slave Trade; the quilombos (slave resistance camps) of Brazil; the Harlem Renaissance and Jazz Age; the "Windrush" migration; Civil Rights and Black feminist movements; and Black Lives Matter. Using the "Big Ideas" series' trademark combination of authoritative, accessible text and bold graphics, The Black History Book examines the achievements and struggles of Black communities across the world up to the modern day, as well as the influence of Black cultures on art, literature, and music the world over.

**The Crime Book** - DK 2021-02-02

Investigate 100 of the world's most notorious crimes, including the Great Train Robbery, the Lindbergh kidnapping, and the murders of serial killer Jeffrey Dahmer. Were the perpetrators delusional, opportunist, or truly evil? Find out what really happened and how the cases were solved. Discover conmen with sheer verve, such as Victor Lustig who "sold" the Eiffel Tower to scrap dealers in 1925, adrenaline-fuelled escapes, and mind-bending exploits of pirates, kidnappers, and drug cartels. The Crime Book demystifies malware, cybercrimes, and Ponzi schemes and sets out the terrifying ploys of mass murderers from 16th-century Elizabeth Báthory who drained young girls' blood to the more recent exploits of Rosemary and Fred West. Like a virus, crime mutates and adapts. The Crime Book explains how pivotal moments in history opened up new opportunities for criminals, such as the smuggling of alcohol during the American Prohibition era. It also charts developments in justice and forensics including the Innocence Project, which used DNA testing to exonerate wrongly convicted convicts. It examines how the forces of law and order have fought back against crime, explaining ingenious sting operations such as tracking down the jewel thief Bill Mason and the final capture of murderer Ted Bundy. With a foreword from bestselling crime author Cathy Scott, The Crime Book is an

enthraling introduction to humanity's darker side. 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. These award-winning books provide just the information needed for students, families, or anyone interested in concise, thought-provoking refreshers on a single subject.

### **The Mythology Book** - DK 2018-05-03

Learn about compelling worlds and characters depicted in myths and legends in The Mythology Book. Part of the fascinating Big Ideas series, this book tackles tricky topics and themes in a simple and easy to follow format. Learn about Mythology in this overview guide to the subject, brilliant for novices looking to find out more and experts wishing to refresh their knowledge alike! The Mythology Book brings a fresh and vibrant take on the topic through eye-catching graphics and diagrams to immerse yourself in. This captivating book will broaden your understanding of Mythology, with: - More than 80 classics retold and explained in mythology - Packed with facts, charts, timelines and graphs to help explain core concepts - A visual approach to big subjects with striking illustrations and graphics throughout - Easy to follow text makes topics accessible for people at any level of understanding The Mythology Book allows you delve into each myth, discover the meanings behind them, and understand their significance to different cultures worldwide - aimed at adults with an interest in the subject and wanting to gain more of an overview. Here you'll find global coverage of world myths, profiling everything from the well-known tales of the Greeks, Norsemen, and Egyptians to the legends of the Caribbean, the Americas, Oceania, and East Asia. Your Mythological Questions, Simply Explained Learn about myths in this essential guide, from early creation beliefs to classical hero narratives and the recurring theme of the afterlife. Delve into each myth and discover the meanings behind these stories, getting to the heart of their significance to different cultures worldwide. If you thought it was difficult to learn about the many classic stories, The Mythology Book presents key information in a clear layout. Discover Zeus, god of the sky and ruler of the Olympian gods, Loki, the cunning trickster with a knack

for causing havoc, Thor with his mighty hammer, and Hades, ruler of the underworld - and much more. The Big Ideas Series With millions of copies sold worldwide, The Mythology Book is part of the award-winning Big Ideas series from DK. The series uses striking graphics along with engaging writing, making big topics easy to understand.

### **The Economics Book** - DK 2014-12-19

All your complicated economic questions and theories explained by world experts. Economics is a broad topic and if you're not an economist by profession, your knowledge might be limited - until now! The Economics Book is your jargon-free, visual guide to understanding the production and distribution of wealth. Using a combination of authoritative, clear text, and bold graphics, this encyclopedia explores and explains big questions and issues that affect us all - everything from taxation, to recession, to the housing market and much more! By following an innovative visual approach, The Economics Book demystifies and untangles complicated theories. Make sense of abstract concepts through colourful graphics, fun facts, and step-by-step flow diagrams. Satisfy Your Hunger for Knowledge Dive deeper into the history of economics with this page-turning book! From the ancient Greeks to today, you'll discover over 100 key ideas from the world's greatest theorists, such as Thomas Malthus, John Maynard Keynes, and Milton Friedman. Fortunately, you don't need a degree in economics to gain this type of understanding. The Economics Book is your accessible guide to gaining tonnes of invaluable economic knowledge and learning how the economy shapes our world! This book will be your guide through the history of economics: - Let the Trading Begin 400 BCE - 1770 CE - The Age of Reason 1770 - 1820 - Industrial and Economic Revolutions 1820 - 1929 - War and Depressions: 1929 - 1945 - Post-War Economics 1945 - 1970 - Contemporary Economics 1970 - Present The Series Simply Explained With over 7 million copies sold worldwide to date, The Economics Book is part of the award-winning Big Ideas series from DK Books. It uses innovative graphics along with engaging writing to make complex subjects easier to understand.

### The History Book - DK 2016-09-16

Travel thousands of years into our past and discover the significant events that shaped the world as we know it. This book includes short, descriptive explanations of key ideas, themes, and events of world history that are easy to understand. Explore topics such as the founding of Baghdad, the colonization of the Americas, and the inception of Buddhism without complicated jargon. This book is part of DK's award-winning Big Ideas Simply Explained educational series that uses witty graphics and engaging descriptions to enlighten readers. Don't stop at American history, explore the world! This book is full of fun facts from the human story, going as far back as the origins of our species to space exploration today. Discover all things revolution, from the French to the digital, including the rise of the internet. Enjoy short and sweet biographies of some of the most important thinkers and leaders throughout history, like Martin Luther, Charles Darwin, and Nelson Mandela. You'll learn who said famous historical quotes, and what they really meant when they said it. Big Ideas This is a modern twist on the good old-fashioned encyclopedia, now easier to follow with diagrams, mind maps, and timelines. Step-by-step diagrams will have you reviewing your ideas about history. Start from the very beginning: - Human Origins 200,000 years ago - 3500 BGE - Ancient Civilizations 6000 BGE - 500 CE - The Medieval World 500 - 1492 - Early Modern Era 1420 - 1795 - Changing Societies 1776 - 1914 - The Modern World 1914 - Present The Series Simply Explained With over 7 million copies sold worldwide to date, The History 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.

#### **The Movie Book** - DK 2016-01-05

Stand by for hours of blissful immersion in the world of film - the world's "seventh art". The Movie Book is your detailed guide to 100 seismic films, from Intolerance (1916) to the groundbreaking Boyhood (2014). Part of the Big Ideas series, The Movie Book is your perfect companion and reference with infographics to explain swift-moving plots and complicated relationships. It shows The Godfather's complicated web of family and associates, for example, and gives minute-by-minute plot lines

to iconic movies such as Taxi Driver or Blade Runner. One film can influence another and this indispensable and crystal clear guide explains what inspired Quentin Tarantino to use a glowing briefcase in Pulp Fiction, for example, or how Jaws triggered decades of summer action blockbusters. Liberally sprinkled with gorgeous stills, pithy quotes, and trivia detail, The Movie Book brings you new insights into your favorites and introduces you to little-known masterpieces from around the world. 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.

#### **The Shakespeare Book** - DK 2015-03-10

"All the world's a stage", William Shakespeare wrote, "And all the men and women merely players." Sit back as the curtain goes up on the dramas, sonnets, and life of one of the greatest writers in the English language. Shakespeare wrote or contributed to more than 40 plays, ranging from romantic comedies to the profound tragedy King Lear, as well as 154 sonnets. The Shakespeare Book has visual plot summaries of each one, with diagrams to show the intricate web of relationships in plays such as A Midsummer's Night Dream. Commentaries explain Shakespeare's sources and set each drama in context, revealing, for instance, how the warring Protestants and Catholics of his day are mirrored in Romeo and Juliet's Montagues and Capulets. Written in plain English and packed with graphics and illustrations, The Shakespeare Book illumines the Bard's world - his marriage, businesses, and friends - and explains how his works became an enduring phenomenon. Whether you need a guide through complex plots and unfamiliar language, or you're looking for a fresh perspective on his well-loved plays and sonnets, this indispensable guide will help you fully appreciate Shakespeare, the man, and the writer. Reviews: "Generous helpings of illustrations, time lines, plot diagrams, and character guides ensure that even readers in their 'salad days' will enjoy every dish at the

Shakespearean feast." - Booklist "Enlightening" - YA Book Central "In this latest addition to the series, the Bard comes alive for young aficionados." - School Library Journal "Countless volumes have been written about William Shakespeare and his work, but here is a single volume that has organized his plays (and some of his sonnets) in exactly what the subtitle says: 'Big Ideas Simply Explained...a must-have.'" - VOYA magazine

### **The Biology Book** - DK 2021-06-29

Learn about the most important discoveries and theories of this science in The Biology Book. Part of the fascinating Big Ideas series, this book tackles tricky topics and themes in a simple and easy to follow format. Learn about Biology in this overview guide to the subject, great for novices looking to find out more and experts wishing to refresh their knowledge alike! The Biology Book brings a fresh and vibrant take on the topic through eye-catching graphics and diagrams to immerse yourself in. This captivating book will broaden your understanding of Biology, with: - More than 95 ideas and events key to the development of biology and the life sciences - Packed with facts, charts, timelines and graphs to help explain core concepts - A visual approach to big subjects with striking illustrations and graphics throughout - Easy to follow text makes topics accessible for people at any level of understanding The Biology Book is a captivating introduction to understanding the living world and explaining how its organisms work and interact - whether microbes, mushrooms, or mammals. Here you'll discover key areas of the life sciences, including ecology, zoology, and biotechnology, through exciting text and bold graphics. Your Biology Questions, Simply Explained This book will outline big biological ideas, like the mysteries of DNA and genetic inheritance; and how we learned to develop vaccines that control diseases. If you thought it was difficult to learn about the living world, The Biology Book presents key information in a clear layout. Here you'll learn about cloning, neuroscience, human evolution, and gene editing, and be introduced to the scientists who shaped these subjects, such as Carl Linnaeus, Jean-Baptiste Lamarck, Charles Darwin, and Gregor Mendel. The Big Ideas Series With millions of copies sold worldwide, The

Biology Book is part of the award-winning Big Ideas series from DK. The series uses striking graphics along with engaging writing, making big topics easy to understand.

### **The Classical Music Book** - DK 2018-12-04

Who wrote the first true "opera"? Where did the system of musical notation come from? How do composers construct symphonies? The Classical Music Book answers these questions and more by exploring the history of classical music in clear and easy-to-follow sections. More than 90 works by famous composers are analyzed, with explanations of their music theory and impact on society. You will also explore the fascinating stories about the lives of crucial composers and performers. Covering Thomas Tallis in the early period, baroque masters like Bach and Handel, and the classical genius of Beethoven and Wagner all the way to the modern-day composers, this comprehensive book explores the key ideas rooted in the world's greatest classical compositions and musical traditions. The importance of each composition is explained, placing them into their wider social, cultural, and historical context. With its unique approach to the subject, this the perfect classical music guide for everyone. Regardless of whether you are relatively new to the subject or if you are a classical music aficionado, there is plenty to discover on every page. 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.

### **The Philosophy Book** - DK 2015-03-02

What existed before the Universe was created? Where does self-worth come from? Do the ends always justify the means? The Philosophy Book answers the most profound questions we all have. It is your visual guide to the fundamental nature of existence, society, and how we think. Discover what it means to be free, whether science can predict the future, or how language shapes our thoughts. Learn about the world's greatest philosophers, from Plato and Confucius to modern thinkers such

as Chomsky and Derrida and follow charts and timelines that graphically show the progression of ideas and logic. Written in plain English, with concise explanations of branches of philosophy such as metaphysics and ethics, it untangles complicated theories and makes sense of abstract

concepts. It is an ideal reference whether you're a student or a general reader, with simple explanations of big ideas, including the four noble truths, the soul, class struggle, moral purpose, and good and evil. If you're curious about the deeper questions in life, The Philosophy Book is both an invaluable reference and illuminating read.