

The Physics Book Big Ideas Simply Explained

Optics and Optical InstrumentsThe Feminism BookThe Philosophy
BookMax Einstein: Saves the FutureWhat Is Life?: Five Great Ideas
in BiologyMammoth ScienceThe Big Ideas in Physics and How to
Teach ThemThe Physics BookWe Have No IdeaThe Extraordinary
Education of Nicholas BenedictThe Demon-Haunted WorldThe
Classical Music BookThe Sherlock Holmes BookThe History
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Optics and Optical Instruments

Discover more than 85 of the most important ideas, movements, and events that have defined feminism and feminist thought throughout history with this original, graphic-led book. Using the Big Ideas series' trademark combination of authoritative, accessible text and bold graphics, this book traces feminism and the feminist movement from its origins, through the suffragette movement of the 19th century, to recent developments such as the Everyday Sexism Project and the #MeToo movement. Entries explore and explain each idea, placing them in their social and cultural context. Packed with inspirational quotations, profiles of key individuals and turning points, and flowcharts and infographics explaining the most

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significant concepts clearly and simply, The Feminism Book is perfect for anyone with an interest in female empowerment.

The Feminism Book

The Economics Book clearly and simply explains more than one hundred groundbreaking ideas in economics, from the earliest experiences of trade to global economic crises. Using easy-to-follow graphics and artworks, succinct quotations, and thoroughly accessible text, The Economics Book makes abstract concepts of money and trade concrete. The Economics Book includes innovative ideas from the history of economics, from Thomas Aquinas' rules of markets and morality to Jeffrey Sachs' theories on international debt relief. Learn about the earliest ideas in economics, such as property rights and the function of money, and progress to present-day economic thought, from explanations on economic bubbles to the relationship between economics and the environment. The Economics Book includes: - More than 100 key ideas and principles in economic thought, from antiquity to present day - Brief biographies and context boxes to give the full historical context of each idea - A reference section with a glossary of economic terms and a directory of economic thinkers The clear and concise summaries, graphics, and quotations in The Economics Book will help even the complete novice understand the fascinating world of economic thought.

The Philosophy Book

The 50 most influential scientists and scientific breakthroughs that shaped our world. Spanning four thousand years of civilisation, the Little Book of Big Ideas: Science gives you the stories behind the brilliance, brainstorming, set backs, and formulae from cosmology and mathematics, physics and chemistry, and tells you why they are

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of central importance in your life. Consider how we came to understand Quantum Theory, electromagnetism, relativity and thermodynamics Trace the formulae for the structure of the atom, the Periodic Table, the laws of gases and absolute zero. Discover the equation for pi, for the Big Bang, and for the structure of the Milky Way. and much more...

Max Einstein: Saves the Future

Cham and Whiteson "explore the biggest unknowns in the universe, why these things are still mysteries, and what a lot of smart people are doing to figure out the answers (or at least ask the right questions). While they're at it, they demystify many complicated things we do know about, from quarks and neutrinos to gravitational waves and exploding black holes"--Amazon.com.

What Is Life?: Five Great Ideas in Biology

This comprehensive, accessible, and authenticated guide to Islam is essential to understanding the world's fastest-growing religion. 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. Celebrating the scientific, literary, and artistic achievements of the Islamic Golden Age and the ideas of philosophers and theologians across the centuries, it opens a window on the Islamic world. Clear factual writing offers insight into terms like Sharia law, the Caliphate, and jihad; Sunni and Shia divisions; and Sufi poetry and music. Images of Islamic art, architecture, calligraphy, and historical artefacts illustrate the articles while the Big Ideas' trademark infographics and flowcharts explore and explain the central tenets of Islam, such as prayer, fasting, and pilgrimage. Modern issues such as fundamentalism are discussed in context alongside the work of

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peaceful traditionalists, modernizers, and women's rights campaigners, among others. Packed with inspiring quotations and bold illustrations, The Islam Book is an invaluable source of information both for members of one of the world's major religions and readers looking for a clear unbiased guide to the meaning of this faith.

Mammoth Science

Explore the world of astronomy with key quotes and bold graphics to illustrate over 100 of the universe's biggest ideas. The Astronomy Book is an exciting voyage of discovery through the cosmos. Venture from ancient speculations about the nature of the universe, to the mind-boggling theories of recent science, including those of Albert Einstein and Stephen Hawking. Learn about the incredible histories of Halley's Comet, the Hubble telescope, and NASA's modern-day trailblazing, as well as the discoveries of famous figures including Ptolemy, Isaac Newton, Walter Adams, Carl Sagan, and Alan Stern. The Astronomy Book, part of DK's popular "Big Ideas" series, is the perfect introduction to our ideas about space, time, and the physics of the cosmos.

The Big Ideas in Physics and How to Teach Them

The Nobel Prize–winning scientist's elegant explanation of the fundamental ideas in biology and their uses today. The renowned biologist Paul Nurse has spent his career revealing how living cells work. In *What Is Life?*, he takes up the challenge of describing what it means to be alive in a way that every reader can understand. It is a shared journey of discovery; step-by-step Nurse illuminates five great ideas that underpin biology—the Cell, the Gene, Evolution by Natural Selection, Life as Chemistry, and Life as Information. He introduces the scientists who made the most important advances,

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and, using his personal experiences in and out of the lab, he shares with us the challenges, the lucky breaks, and the thrilling eureka moments of discovery. Nurse writes with delight at life's richness and with a sense of the urgent role of biology in our time. To survive the challenges that face us all today—climate change, pandemic, loss of biodiversity and food security—it is vital that we all understand what life is.

The Physics Book

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

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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.

We Have No Idea

A prescient warning of a future we now inhabit, where fake news stories and Internet conspiracy theories play to a disaffected American populace “A glorious book . . . A spirited defense of science . . . From the first page to the last, this book is a manifesto for clear thought.”—Los Angeles Times How can we make intelligent decisions about our increasingly technology-driven lives if we don’t understand the difference between the myths of pseudoscience and the testable hypotheses of science? Pulitzer Prize-winning author and distinguished astronomer Carl Sagan argues that scientific thinking is critical not only to the pursuit of truth but to the very well-being of our democratic institutions. Casting a wide net through history and culture, Sagan examines and authoritatively debunks such celebrated fallacies of the past as witchcraft, faith healing, demons, and UFOs. And yet, disturbingly, in today’s so-called information age, pseudoscience is burgeoning with stories of alien abduction, channeling past lives, and communal hallucinations commanding growing attention and respect. As Sagan demonstrates with lucid eloquence, the siren song of unreason is not just a cultural wrong turn but a dangerous plunge into darkness that threatens our most basic freedoms. Praise for *The Demon-Haunted World* “Powerful . . . A stirring defense of informed rationality. . . Rich in surprising information and beautiful writing.”—The Washington Post Book World “Compelling.”—USA Today “A clear vision of what good science means and why it makes a difference. . . A testimonial to the power of science and a warning of the dangers of unrestrained credulity.”—The Sciences “Passionate.”—San Francisco Examiner-Chronicle

The Extraordinary Education of Nicholas Benedict

The Big Ideas in Physics and How to Teach Them provides all of the knowledge and skills you need to teach physics effectively at secondary level. Each chapter provides the historical narrative behind a Big Idea, explaining its significance, the key figures behind it, and its place in scientific history. Accompanied by detailed ready-to-use lesson plans and classroom activities, the book expertly fuses the 'what to teach' and the 'how to teach it', creating an invaluable resource which contains not only a thorough explanation of physics, but also the applied pedagogy to ensure its effective translation to students in the classroom. Including a wide range of teaching strategies, archetypal assessment questions and model answers, the book tackles misconceptions and offers succinct and simple explanations of complex topics. Each of the five big ideas in physics are covered in detail: electricity forces energy particles the universe. Aimed at new and trainee physics teachers, particularly non-specialists, this book provides the knowledge and skills you need to teach physics successfully at secondary level, and will inject new life into your physics teaching.

The Demon-Haunted World

This book covers 250 milestones in mathematical history, beginning millions of years ago with ancient "ant odometers" and moving through time to our modern-day quest for new dimensions.

The Classical Music Book

The Business Book clearly and simply explains all of the key theories that have shaped the world of business, management, and commerce. Using easy-to-follow graphics and artworks, succinct quotations, and thoroughly accessible text, The Business Book

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introduces the would-be entrepreneur and general reader alike to the work of great commercial thinkers, leaders, and gurus. The Business Book includes: - Almost 100 quotations from the great business thinkers and gurus - Information on every facet of business management, including alternative business models, with real life examples from the marketplace - A structure that takes the reader through every stage of business strategy, from start-up to delivering the goods The clear and concise summaries, graphics, and quotations in The Business Book will help even the complete novice understand the key ideas behind business success.

The Sherlock Holmes Book

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

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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 History Book

This original, graphic-led book explores and explains the key ideas underpinning the world's greatest classical compositions and musical traditions, defines their importance to the musical canon, and places them into their wider social, cultural, and historical context. The nineteenth title in DK's bestselling Big Ideas series, *The Classical Music Book* combines accessible, authoritative text with bold explanatory graphics to make the subject of classical music approachable to readers with an interest in the subject who want to learn more while still offering enough to appeal to music aficionados. From early devotional works to the great symphonies of the Classical and Romantic eras and the diverse and often challenging works of the modern era, *The Classical Music Book* looks at more than 90 key pieces of music and explores the salient themes and ideas behind each of them.

The Maths Book

The stories, events, and teachings contained in the scriptures of the Old and New Testaments of the Bible, from Genesis to Revelations explained with accessible text and bold graphics. *The Bible Book* explores the ideas and beliefs key to the teachings of the most widely printed religious book of all time. This highly visual book highlights more than 100 of the most important Biblical passages and explains their theological significance and key concepts. Profiles of primary figures—from Adam and Eve, to Peter and Paul—and places of the Bible, such as Jerusalem and Rome, add context to the scriptures. Essential theological concepts, such as the Trinity,

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God's omnipresence, and the salvation of Jesus' death, are explained in detail. Infographics illuminate the most significant concepts clearly and simply. The Bible Book is perfect for anyone with an interest in religion and the foundational text of Christianity and Judaism.

The Politics Book

When nine-year-old Nicholas Benedict is sent to a new orphanage, he encounters vicious bullies, selfish adults, strange circumstances - and a mind-bending mystery. Luckily, he has one very important thing in his favour: he's a genius.

The Law Book

The Movie Book

The Politics Book clearly and simply explains more than one hundred groundbreaking ideas in the history of political thought. Using easy-to-follow graphics and artworks, succinct quotations, and thoroughly accessible text, The Politics Book elucidates the theoretical foundations-as well as the practical applications-of political thought, making abstract concepts concrete. The Politics Book includes innovative ideas from ancient and medieval philosophers ranging from Confucius and Thomas Aquinas to revolutionary thought leaders such as Thomas Jefferson and Leon Trotsky. The voices that have shaped modern politics today, from Mao Zedong to Malcolm X, are also included, giving anyone with an interest in politics an essential resource to political thinking and policy. The Politics Book includes: - Key ideas from more than one hundred of the great politicians and political thinkers from antiquity to present day - Biographies and context boxes to give the full

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historical context of each idea - A reference section with a glossary of political terms and a directory of political thinkers The clear and concise summaries, graphics, and quotations in The Politics Book will help even the complete novice understand the fascinating world of political thought.

The Invisible Life of Addie LaRue

The Sociology Book takes on some of humankind's biggest questions: What is society? What makes it tick? Why do we interact in the way that we do with our friends, coworkers, and rivals? The Sociology Book profiles the world's most renowned sociologists and more than 100 of their biggest ideas, including issues of equality, diversity, identity, and human rights; the effects of globalization; the role of institutions; and the rise of urban living in modern society. Easy to navigate and chock-full of key concepts, profiles of major sociological thinkers, and conversation starters galore, this is a must-have, in-a-nutshell guide to some of the most fascinating questions on earth. The Sociology Book is part of the award-winning Big Ideas Simply Explained series, designed to distill big ideas and elusive theories into graspable, memorable concepts, using an approachable graphic treatment and creative typography.

The Bible Book

The author explores recent scientific breakthroughs in the fields of supergravity, supersymmetry, quantum theory, superstring theory, and p-branes as he searches for the Theory of Everything that lies at the heart of the cosmos.

Space Visual Encyclopedia

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The Religions Book clearly and simply explains all of the important information about the world's major, and many minor, religions, in an easy-to-access format. Using easy-to-follow graphics and artworks, succinct quotations, and thoroughly accessible text, The Religions Book explores the beliefs that underpin religious traditions around the globe and how they developed. From primal beliefs to the world's great faiths and the continuing quest for spiritual meaning in our complex world, The Religions Book gets to the heart of what it means to believe in God and religion's place in society. The Religions Book includes: - A dedicated section for each of the world's five major faiths - Islam, Christianity, Judaism, Buddhism, and Hinduism - Primal beliefs, ancient and classical mythology, and new religions - Brief biographies and context boxes to give the full historical context of selected religions The clear and concise summaries, graphics, and quotations in The Religions Book will help even the complete novice understand the ideas behind faiths and the place of religion in the world.

The Astronomy Book

An accessible guide to more than 90 of the most important and groundbreaking milestones in the history of medicine, and the people behind them. How are illnesses diagnosed? What is cancer? Why are some pandemics so deadly? This ebook explores big questions like these, explaining the breakthroughs and discoveries that have shaped our modern-day understanding of medicine and helped us protect and promote our health. Written in plain English, The Medicine Book cuts through the jargon and is packed with pithy explanations of the most important milestones in medical history, with step-by-step diagrams and witty illustrations that untangle knotty concepts. From ancient medical practices, such as herbal medications and balancing the humours, through groundbreaking work including Jenner's experiments with cowpox,

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which laid the basis for vaccination, The Medicine Book offers an engaging overview of medical history across the world all the way into the 21st century with gene manipulation, immunotherapy, and robotics and telesurgery. Covering the role that therapies and drugs have played in the human quest to treat and prevent disease, the establishment of hospitals and later international medical bodies, like the WHO, and medical science's response to new challenges, such as accelerated antibiotic resistance and COVID-19, The Medicine Book explains the stories behind each milestone development. Continuing the "Big Ideas" series' trademark combination of authoritative, informative text, and bold graphics, The Medicine Book uses an innovative visual approach to make the subject accessible to everyone, whether you're a student of medicine or science, a medical professional, or an armchair expert.

The Economics Book

Eighty of the world's greatest myths and characters, from the gods of Greek mythology to the Norse heroes, retold and explained with engaging text and bold graphics. From early creation stories to classical hero narratives and the recurring theme of the afterlife, experience each myth and unravel the meanings behind the stories, getting to the heart of the importance of mythology to different cultures worldwide. More than just stories, myths are a testament to the amazing creativity of humans striving to explain and make sense of the world around them. Here you will discover Zeus, god of the sky and ruler of the Olympian gods, and Loki, the cunning trickster with a knack for causing havoc, aided by his ability to change shape and gender. Beyond the gods and goddesses of Ancient Greek, Roman, and Norse myths, this book delves into the stories of the Australian aborigines, the Cherokee, and the Aztecs, each brimming with amazing characters and insights into human existence. This newest title in the bestselling Big Ideas series pairs engaging visual

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style with 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--bringing the wisdom of the ages to life.

The Ecology Book

From the dawn of civilization to the lightning-paced culture of today, take a fascinating journey through the most significant events in history and the big ideas behind each one. Bring history to life as you explore the Law Code of Hammurabi, the Renaissance, the American Revolution, World War II, and much more. As part of DK's award-winning Big Ideas Simply Explained series, The History Book uses infographics and images to explain key ideas and themes. Biographies of key leaders, thinkers, and warriors, from Julius Caesar to Barack Obama, offer insight into their lives and further historical insight into these world-changing episodes. Perfect for an avid student or armchair historian, the clear explanations of ideologies behind events that have shaped our world into what it is today. The History Book makes the past 4,000 years of history accessible and provides enlightenment on the forces that shaped the world as we know it today, for students and history buffs alike.

Reviews: "[The Big Ideas Simply Explained books] are beautifully illustrated with shadow-like cartoons that break down even the most difficult concepts so they are easier to grasp. These step-by-step diagrams are an incredibly clever learning device to include, especially for visual learners." - Examiner.com "The visual layout promotes browsing with illustrations, pull quotes, and simple mind maps to explain concepts quickly." - Library Journal "Accessible guide to the great thinkers." - School Library Journal "Clever and engaging." - Booklist "Kids are never too young to understand history; it just needs to be presented in the appropriate way. With that in mind, The History Book is a fantastic place to start." -

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GeekDad.com

The Sociology Book

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 Medicine Book

What is an imaginary number? Can two parallel lines ever meet? How can maths help us predict the future? Charting the development of maths around the world from Babylon to Bletchley Park, this book explores big questions like these and explains how the answers help us understand everything from patterns in nature to artificial intelligence. Written in clear English, *The Maths Book* is packed with short, pithy explanations that cut through the jargon, step-by-step diagrams that untangle knotty theories, memorable quotes, and witty illustrations that play with our ideas about numbers. This diverse and inclusive account of mathematics will have something for everybody, including the maths behind world economies and espionage. But it also traces the history of maths,

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from ancient ideas such as magic squares and the abacus to modern cryptography, fractals, and the final proof of Fermat's Last Theorem. Continuing the "Big Ideas" series' trademark combination of authoritative, clear text and bold graphics, The Maths Book uses an innovative visual approach to make the subject accessible to everyone, whether you're an avid student or just curious about maths.

The Science Book

Packed with witty illustrations, clear graphics, and inspirational quotes, The Shakespeare Book is the perfect primer to the works of William Shakespeare. Every work is covered, from the comedies of Twelfth Night and As You Like It to the tragedies of Julius Caesar and Hamlet. With detailed plot summaries and a full analysis of the major characters and themes, this is a brilliant, innovative exploration of the entire canon of Shakespeare plays, sonnets, and other poetry.

Great Ideas in Physics

AN INSTANT NEW YORK TIMES BESTSELLER USA TODAY BESTSELLER NATIONAL INDIE BESTSELLER THE WASHINGTON POST BESTSELLER #1 Indie Next Pick and #1 LibraryReads Pick - October 2020 Recommended by Entertainment Weekly, Real Simple, NPR, Slate, and Oprah Magazine A “Best Of” Book From: CNN *Amazon Editors * Goodreads * Bustle * PopSugar * BuzzFeed * Barnes & Noble * Kirkus Reviews * Lambda Literary * Nerdette * The Nerd Daily * Polygon * Library Reads * io9 * Smart Bitches Trashy Books * LiteraryHub * Medium * BookBub * The Mary Sue * Chicago Tribune * NY Daily News * SyFy Wire * Powells.com * Bookish * Book Riot * In the vein of The Time Traveler’s Wife and Life After Life, The

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Invisible Life of Addie LaRue is New York Times bestselling author V. E. Schwab's genre-defying tour de force. A Life No One Will Remember. A Story You Will Never Forget. France, 1714: in a moment of desperation, a young woman makes a Faustian bargain to live forever—and is cursed to be forgotten by everyone she meets. Thus begins the extraordinary life of Addie LaRue, and a dazzling adventure that will play out across centuries and continents, across history and art, as a young woman learns how far she will go to leave her mark on the world. But everything changes when, after nearly 300 years, Addie stumbles across a young man in a hidden bookstore and he remembers her name. At the Publisher's request, this title is being sold without Digital Rights Management Software (DRM) applied.

The Math Book

The Philosophy Book explains more than one hundred of the greatest ideas in philosophy through clear, succinct text and easy-to-follow graphics. Using straightforward graphics and artworks, as well as thoroughly accessible text that elucidates more than two thousand years of philosophical thought, The Philosophy Book makes abstract concepts concrete. From moral ethics to the philosophies of religions, The Philosophy Book sheds a light on the famous ideas and thinkers from the ancient world through the present day. Including theories from Pythagoras to Voltaire and Mary Wollstonecraft to Noam Chomsky, The Philosophy Book offers anyone with an interest in philosophy an essential resource to the great philosophers and the views that have shaped our society.

The Religions Book

Explore the planets, stars, and galaxy in Space Visual Encyclopedia. See everything there is to know about space. Find out what Pluto is

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really classified as, time how long it takes Neptune to travel around the sun, and jump into Jupiter's big red spot. Kids can see Saturn's rings, astronaut spacesuits, and more in highly visual spreads that use cutting-edge CGI photography. See the different planets, moons, and technologies of space, and find key information at glance with data boxes, facts, and figures laid out in DK's signature style. Joining DK's award-winning Visual Encyclopedia format, Space Visual Encyclopedia is the ultimate one-stop reference book for everything space.

Universal

David Macaulay's troupe of curious mammoths lead you through the basics of physics, biology, and chemistry in this unconventional and highly original e-guide to science. These intrepid science demonstrators will go to incredible lengths to educate and entertain. Why do objects float? What's inside a living cell? How do magnets work? What gives a mammoth mass? More than 60 core science topics are covered, backed up with clear explanatory text and supporting diagrams. Renowned for his ability to explain complex ideas with simple genius, best-selling author and illustrator Macaulay injects oddball humor into his subject matter. Children will delight in his quirky illustrations while gaining a thorough grounding in key science subjects. Easily accessible, amusing, and informative, Macaulay's Mammoth Science is the perfect introduction to scientific principles for the young and the young at heart.

The Physics Book

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

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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.

Science

Why do we need laws? What rights are protected by law? When was forensic evidence first used in court? This book explores big questions like these, explaining the laws and legal precedents, and religious, political, and moral codes that have shaped the world we live in. Written in plain English, The Law Book cuts through the legal jargon and is packed with pithy explanations of the most important milestones in legal history, with step-by-step diagrams and witty illustrations that untangle knotty concepts. From the earliest laws, such as the Code of Hammurabi, through groundbreaking legislation including Magna Carta and the Abolition of the Slave Trade Act, The Law Book offers an engaging overview of legal history across the world all the way into the 21st century with copyright in the digital age, same-sex marriage, and the "right to be forgotten". Covering the fight for universal suffrage and workers' rights, and the establishment of international legal bodies like INTERPOL and the European Court of Justice, The Law Book explains the stories behind each milestone development. Continuing the Big Ideas series' trademark combination of authoritative, informative text, and bold graphics, The Law Book

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uses an innovative visual approach to make the subject accessible to everyone, whether you're a law student, a legal professional, or an armchair expert.

The Big Idea Science Book

Containing 250 short, entertaining, and thought-provoking entries, this book explores such engaging topics as dark energy, parallel universes, the Doppler effect, the God particle, and Maxwell's demon. The timeline extends back billions of years to the hypothetical Big Bang and forward trillions of years to a time of quantum resurrection.

The Shakespeare Book

An awe-inspiring, unforgettable journey of scientific exploration from Brian Cox and Jeff Forshaw, the international bestselling authors of *Why Does $E=MC^2$?* and *The Quantum Universe*, with 55 black-&-white and 45 full-color pages featuring photographs, diagrams, maps, tables, and graphs We dare to imagine a time before the Big Bang, when the entire universe was compressed into a space smaller than an atom. And now, as Brian Cox and Jeff Forshaw show, we can do more than imagine: we can understand. *Universal* takes us on an epic journey of scientific exploration. It reveals how we can all come to grips with some of the most fundamental questions about our Earth, Sun, and solar system--and the star-filled galaxies beyond. How big is our solar system? How quickly is space expanding? How big is the universe? What is it made of? Some of these questions can be answered on the basis of observations you can make in your own backyard. Other answers draw on the astonishing information now being gathered by teams of astronomers operating at the frontiers of the known universe. At the heart of all this lies the scientific method. Science reveals a

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deeper beauty and connects us to each other, to our world, and to our universe. Science reaches out into the unknown. As Universal demonstrates, if we dare to imagine, we can do the same.

The Universe in a Nutshell

Does Chinatown subvert the film noir genre? What is the effect of Pulp Fiction's episodic plot? How do multiple points of view undermine notions of reality in Rashomon? Part of DK's bestselling Big Ideas series, The Movie Book answers these questions and more as it chronicles the greatest movies ever to grace the silver screen. From the golden age of black-and-white films to international art-house and 21st-century sci-fi, this book uncovers the key themes and big ideas behind more than 100 of the world's most celebrated cinematic gems. Beginning with the iconic A Trip to the Moon (1902), immerse yourself in the world of film, from The Wizard of Oz (1939), Vertigo (1958), and Jaws (1975) to Spirited Away (2006), Slumdog Millionaire (2008) and Boyhood (2014). Discover everything about your favorite movies, as well as celebrated classics and the films you need to see, through film stills, posters, biographies, movie memorabilia, and narrative timelines. Along with iconic quotes from the films themselves and key critics, this book brings cinema to life. Whether you are a fan of comedies, romance, musicals, action movies, or thrillers, The Movie Book is essential for anyone with a passion for cinema.

The Mythology Book

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,

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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 Business Book

The conservation of energy, the second law of thermodynamics, the theory of relativity, quantum mechanics together, these concepts form the foundation upon which modern physics was built. But the influence of these four landmark ideas has extended far beyond hard science. There is no aspect of twentieth-century culture including the arts, social sciences, philosophy, and politics that has not been profoundly influenced by them. In *Great Ideas in Physics*, Alan Lightman clearly explains the physics behind each of the four great ideas and deftly untangles for lay readers such knotty concepts as entropy, the relativity of time, and the Heisenberg uncertainty principle. Throughout the book he uses excerpts from the writings of scientific luminaries such as Newton, Kelvin, Einstein, and de Broglie to help place each in its proper historical perspective. And with the help of expertly annotated passages from the works of dozens of writers, philosophers, artists, and social theorists, Lightman explores the two-way influences of these landmark

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scientific concepts on our entire human culture and the world of ideas.

Angels and Demons

Practical guide shows how to set up working models of telescopes, microscopes, photographic lenses and projecting systems; how to conduct experiments for determining accuracy, resolving power, more. 234 diagrams.

The Islam Book

The world's #1 bestselling author has teamed up with the world's most famous genius to entertain, educate and inspire a generation of kids--with the first and only kids' book series officially approved by the Albert Einstein Archives. Albert Einstein + James Patterson = A Must Read! Max is back with a thrilling new adventure that involves time travel, creepy bad guys, killer drones, and a shocking mystery about her past that she will stop at nothing to solve! Under constant danger of being kidnapped by the shadowy Corporation, Max is on the run from New York to London and beyond. But soon the call comes for the Change Maker kids' next mission: make sure no kid ever goes hungry again! If anyone can tackle a problem this big, Max and her genius friends can. But mysterious clues about her past keep distracting Max's focus. She always wanted to know who her parents were and why they abandoned her as a baby. If she manages to build a time machine, she could find them and get all the answers! What's more important - her past, or the future of the Change Makers?

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