

## 100 Scientists Who Made History Dk Science

"Inventions and Patents" is the first of WIPO's Learn from the past, create the future series of publications aimed at young students. This series was launched in recognition of the importance of children and young adults as the creators of our future.

100 Scientists Who Made HistoryDK Children

A list of the one hundred most influential people in history features descriptions of the careers, contributions, and accomplishments of the political and religious leaders, inventors, writers, artists, and others who changed the course of history. Simultaneous.

Explore the lives and achievements of more than 85 of the world's most inspirational and influential scientists with this innovative and boldly graphic biography-led book. The second title in DK's new illustrated biography series, Scientists Who Changed History profiles trailblazing individuals from Greek mathematicians, such as Archimedes and Hipparchus, through physicists of the early 20th-century, such as Marie Curie and Albert Einstein, to modern greats such as Stephen Hawking and Tim Berners-Lee. Each featured individual has made a major contribution to one or more scientific fields, from astronomy, biology, and psychology, to computer science and geology. Combining elements of biography, history, and analysis, Scientists Who Changed History explains the groundbreaking contributions made by these revolutionary men and women in a clear and informative way.

The Scientists

Bad Science

100 Great Scientists

A Ranking of the 100 Greatest Scientists Past and Present

An Epic of Discovery

Micrographia, Or, Some Physiological Descriptions of Minute Bodies Made by Magnifying Glasses

100 Best Non Fiction Books has its origins in the recent 2 year-long Observer serial which every week featured a work of non fiction). It is also a companion volume to McCrum's very successful 100 Best Novels published by Galileo in 2015. The list of books starts in 1611 with the King James Bible and ends in 2014 with Elizabeth Kolbert's The Sixth Extinction. And in between, on this extraordinary voyage through the written treasures of our culture we meet Pepys' Diaries, Charles Darwin's The Origin of Species, Stephen Hawking's A Brief History of Time and a whole host of additional works.

This epic journey of scientific discovery starts in ancient times and travels through centuries of invention before fast forwarding into the future. In this ultimate home reference, you'll see simple machines and modern-day marvels, following incredible illustrated timelines that plot the entire history of science and highlight the most momentous discoveries. A jaw-dropping collection of more than 1,500 photographs, illustrations, maps, and graphics charts the evolution of science year by year, century by century. You'll meet influential inventors and famous faces from the past, including Aristotle, Leonardo da Vinci, Isaac Newton, Charles Darwin, Marie Curie, and Stephen Hawking. You'll visit places of scientific importance, such as prehistoric cave art, Stonehenge, Hiroshima and the first atomic bomb, the Moon landings, and the Higgs boson particle. These huge events are

made simple thanks to eye-catching images, helpful timelines, and accessible, informative text. Landmark people and periods are combined in this one stunning family reference, showcasing the ideas, experiments, and technologies that have shaped our daily lives and transformed the world we live in today. Budding scientists, get ready for a time travelling trip like no other.

Fifty-two inspiring and insightful profiles of history's brightest female scientists. "Rachel Swaby's no-nonsense and needed Headstrong dynamically profiles historically overlooked female visionaries in science, technology, engineering, and math."—Elle In 2013, the New York Times published an obituary for Yvonne Brill. It began: "She made a mean beef stroganoff, followed her husband from job to job, and took eight years off from work to raise three children." It wasn't until the second paragraph that readers discovered why the Times had devoted several hundred words to her life: Brill was a brilliant rocket scientist who invented a propulsion system to keep communications satellites in orbit, and had recently been awarded the National Medal of Technology and Innovation. Among the questions the obituary—and consequent outcry—prompted were, Who are the role models for today's female scientists, and where can we find the stories that cast them in their true light? Headstrong delivers a powerful, global, and engaging response. Covering Nobel Prize winners and major innovators, as well as lesser-known but hugely significant scientists who influence our every day, Rachel Swaby's vibrant profiles span centuries of courageous thinkers and illustrate how each one's ideas developed, from their first moment of scientific engagement through the research and discovery for which they're best known. This fascinating tour reveals 52 women at their best—while encouraging and inspiring a new generation of girls to put on their lab coats.

Drawing on startling new evidence from the mapping of the genome, an explosive new account of the genetic basis of race and its role in the human story Fewer ideas have been more toxic or harmful than the idea of the biological reality of race, and with it the idea that humans of different races are biologically different from one another. For this understandable reason, the idea has been banished from polite academic conversation. Arguing that race is more than just a social construct can get a scholar run out of town, or at least off campus, on a rail. Human evolution, the consensus view insists, ended in prehistory. Inconveniently, as Nicholas Wade argues in *A Troublesome Inheritance*, the consensus view cannot be right. And in fact, we know that populations have changed in the past few thousand years—to be lactose tolerant, for example, and to survive at high altitudes. Race is not a bright-line distinction; by definition it means that the more human populations are kept apart, the more they evolve their own distinct traits under the selective pressure known as Darwinian evolution. For many thousands of years, most human populations stayed where they were and grew distinct, not just in outward appearance but in deeper senses as well. Wade, the longtime journalist covering genetic advances for The New York Times, draws widely on the work of scientists who have made crucial breakthroughs in establishing the reality of recent human

evolution. The most provocative claims in this book involve the genetic basis of human social habits. What we might call middle-class social traits—thrift, docility, nonviolence—have been slowly but surely inculcated genetically within agrarian societies, Wade argues. These “values” obviously had a strong cultural component, but Wade points to evidence that agrarian societies evolved away from hunter-gatherer societies in some crucial respects. Also controversial are his findings regarding the genetic basis of traits we associate with intelligence, such as literacy and numeracy, in certain ethnic populations, including the Chinese and Ashkenazi Jews. Wade believes deeply in the fundamental equality of all human peoples. He also believes that science is best served by pursuing the truth without fear, and if his mission to arrive at a coherent summa of what the new genetic science does and does not tell us about race and human history leads straight into a minefield, then so be it. This will not be the last word on the subject, but it will begin a powerful and overdue conversation.

Momentous Moments That Shaped the Modern World

Women in Science

100 Events That Made History

A Troublesome Inheritance

Making the World Work Better

100 People who Made History

***Funny and totally true childhood biographies and full-color illustrations tell tales from the challenging yet defining growing-up years of Albert Einstein, Jane Goodall, Marie Curie, and 12 other brilliant scientists. Every great scientist started out as a kid. Before their experiments, inventions, and discoveries that changed the world, the world's most celebrated scientists had regular-kid problems just like you. Stephen Hawking hated school, and preferred to spend his free time building model airplanes, inventing board games, and even building his own computer. Jane Goodall got in trouble for bringing worms and snails into her house. And Neil deGrasse Tyson had to start a dog-walking business to save up money to buy a telescope. Kid Scientists tells the stories of a diverse and inclusive group—also including Temple Grandin, Nikola Tesla, Ada Lovelace, Benjamin Franklin, Isaac Newton, Rosalind Franklin, Sally Ride, Rachel Carson, George Washington Carver, and Vera Rubin—through kid-friendly texts and full-color cartoon illustrations on nearly every page.***

***Full of the true-life stories of scientists and innovators who have shaped our society and how we see the world around us, this book puts major scientific discoveries into context. Readers learn who inspired whom, and which discoveries laid the groundwork for more amazing innovation.***

***DK Eyewitness Great Scientists is an exciting and informative guide to the fascinating lives of the world's most famous thinkers, philosophers, inventors, innovators and pioneers. Stunning photographs offer a unique "eyewitness" view of the ideas and innovations that have changed the way we live today. Your child will discover all about Benjamin Franklin's electrical charges, Albert Einstein's theory of relativity and the many others***

*whose discoveries have shaped our world. Great for projects or just for fun, make sure your child learns everything they need to know about Great Scientists. Find out more and download amazing clipart images at [www.dk.com/clipart](http://www.dk.com/clipart).*

*A collection of artworks inspired by the lives and achievements of fifty famous women in science, technology, engineering, and mathematics, from the ancient world to the present, profiles each notable individual.*

*Remarkable Women Who Shaped Our World  
Women Scientists in Physics and Engineering  
Super Scientists*

*Learn from the Past, Create the Future  
Inventions and Patents*

*Britannica Guide to 100 Most Influential Scientists*

*Science is an ever-growing, ever-changing field of study. Every principle, every discovery is built on top of a previous discovery. Great scientists have studied life, the environment, and the physical world trying to learn more about why things are the way they are. Readers gain insight to some of the greatest scientific minds history has to offer, from Archimedes to Stephen Hawking.*

*Thomas J Watson Sr's motto for IBM was THINK, and for more than a century, that one little word worked overtime. In Making the World Work Better: The Ideas That Shaped a Century and a Company, journalists Kevin Maney, Steve Hamm, and Jeffrey M. O'Brien mark the Centennial of IBM's founding by examining how IBM has distinctly contributed to the evolution of technology and the modern corporation over the past 100 years. The authors offer a fresh analysis through interviews of many key figures, chronicling the Nobel Prize-winning work of the company's research laboratories and uncovering rich archival material, including hundreds of vintage photographs and drawings. The book recounts the company's missteps, as well as its successes. It captures moments of high drama – from the bet-the-business gamble on the legendary System/360 in the 1960s to the turnaround from the company's near-death experience in the early 1990s. The authors have shaped a narrative of discoveries, struggles, individual insights and lasting impact on technology, business and society. Taken together, their essays reveal a distinctive mindset and organizational culture, animated by a deeply held commitment to the hard work of progress. IBM engineers and scientists invented many of the building blocks of modern information technology, including the memory chip, the disk drive, the scanning tunneling microscope (essential to nanotechnology) and even new fields of mathematics. IBM brought the punch-card tabulator, the mainframe and the personal computer into the mainstream of business and modern life. IBM*

*was the first large American company to pay all employees salaries rather than hourly wages, an early champion of hiring women and minorities and a pioneer of new approaches to doing business--with its model of the globally integrated enterprise. And it has had a lasting impact on the course of society from enabling the US Social Security System, to the space program, to airline reservations, modern banking and retail, to many of the ways our world today works. The lessons for all businesses – indeed, all institutions – are powerful: To survive and succeed over a long period, you have to anticipate change and to be willing and able to continually transform. But while change happens, progress is deliberate. IBM – deliberately led by a pioneering culture and grounded in a set of core ideas – came into being, grew, thrived, nearly died, transformed itself... and is now charting a new path forward for its second century toward a perhaps surprising future on a planetary scale.*

*Celebrates the lives and accomplishments of 150 African Americans who have made a lasting and profound impact on American culture, including Marian Anderson, Shirley Chisholm, Medgar Evers, Langston Hughes, and Alex Haley.*

*From brainy biologists and clever chemists, to magnificent mathematicians and phenomenal physicists. Discover 100 remarkable scientists who shaped our world. Containing a universe of knowledge, this amazing kids' educational ebook tells the story of the extraordinary people who revolutionised our understanding of the world. A stunning way for children to meet science's most important people. Read through information-included mini-biographies of 100 brilliant scientists and innovators who have shaped our society and how we see the world around us. A perfect "everything you want to know in one place" about the history of science for children aged 8-12. Readers learn about discoveries that laid the groundwork for some of the most impressive innovations in history. Biologists, chemists, physicists, doctors, coders and astronauts are all featured including Hippocrates, Da Vinci, Alan Turing, Stephen Hawking, Neil deGrasse Tyson, and more. An attractive and engaging kids ebook that may inspire the next Einstein or Curie! Made for those always curious children and those who need encouragement to aspire to greatness and see the marvels of science. Put children inside the minds of scientific heroes through clever speech bubbles alongside portraits with first-person fun facts about their lives. It's a cool way to personalise these incredible people and engage children while giving them a solid base in science. Did you know that Marie Curie's notebooks are still radioactive? They're too dangerous to touch and even glow! And Louis Pasteur, who furthered the development of vaccinations*

*and more, liked to paint in his spare time? Who knew! Learn About The Minds Who Shaped The World! Dive into the world of theories and experiments, reactions and equations, as we meet the figures who have helped us understand our universe and our place in it. Find out why Copernicus shook the world, what elements Marie Curie discovered, and how Franklin, Crick and Watson unlocked the secrets of our DNA. It's divided into Pioneers, Biologists, Chemists, Physicists, and Innovators, whose innovations have changed the world and continue to change it now. Discover amazing facts about the world and the people behind some of humanity's most impressive advancements. Some of the amazing trailblazers you'll meet: - Alan Turing - Marie Curie - Barbara McClintock - Leonardo da Vinci - And so many more! This fabulous title is one of five children's ebooks in the 100 In History series. Add 100 Women Who Made History, 100 People Who Made History, 100 Events That Made History, and 100 Inventions That Made History to your bookshelf and learn more about the significant people, events and inventions that shaped the world we live in today.*

*An Oral History as Told by Jon Stewart, the Correspondents, Staff and Guests*

*What Climate Science Tells Us, What It Doesn't, and Why It Matters*

*A Visual History, From Stone Tools to Space Travel*

*Kid Scientists*

*100 Postcards*

*Fantastically Great Women Scientists and Their Stories*

NEW YORK TIMES BESTSELLER The complete, uncensored history of the award-winning The Daily Show with Jon Stewart, as told by its correspondents, writers, and host. For almost seventeen years, The Daily Show with Jon Stewart brilliantly redefined the borders between television comedy, political satire, and opinionated news coverage. It launched the careers of some of today's most significant comedians, highlighted the hypocrisies of the powerful, and garnered 23 Emmys. Now the show's behind-the-scenes gags, controversies, and camaraderie will be chronicled by the players themselves, from legendary host Jon Stewart to the star cast members and writers-including Samantha Bee, Stephen Colbert, John Oliver, and Steve Carell - plus some of The Daily Show's most prominent guests and adversaries: John and Cindy McCain, Glenn Beck, Tucker Carlson, and many more. This oral history takes the reader behind the curtain for all the show's highlights, from its origins as Comedy Central's underdog late-night program to Trevor Noah's succession, rising from a scrappy jester in the 24-hour political news cycle to become part of the beating heart of politics-a trusted source for not only comedy but also commentary, with a reputation for calling bullshit and an ability to effect real change in the world. Through years of incisive election coverage, passionate debates with President Obama and Hillary Clinton, feuds with Bill O'Reilly and Fox, and provocative takes on Wall Street and racism, The Daily Show has been a cultural touchstone. Now, for the first time, the people behind the show's seminal moments come together to share their memories of the last-minute rewrites,

improvisations, pranks, romances, blow-ups, and moments of Zen both on and off the set of one of America's most groundbreaking shows.

'If I saw further than others it is because I was standing on the shoulders of giants.'  
- Sir Isaac Newton This stylish jacketed hardback introduces 100 of these giants of scientific discovery: the men and women who, often in the face of extreme skepticism or worse, have striven and succeeded in pushing back the boundaries of human knowledge. Ranging across the spectrum of scientific endeavor, from the cosmology of Copernicus and Galileo, to the medical revolutions of Hippocrates and Galen, it includes the fields of physics, biology, chemistry, and genetics. Spanning from the ancient world to the 20th century, these figures include: • Aristotle • Leonardo di Vinci • Benjamin Franklin • Isaac Newton • Marie Curie • Stephen Hawking Including brilliant illustrations, fact boxes of key information, and a chronology of important dates, 100 Great Scientists Who Changed the World provides riveting insight into the men and women who shaped the world today. Despite innumerable obstacles, women have been making crucial discoveries and contributions to science throughout history. This illuminating book shines a light on women physicists and engineers, their accomplishments and the hurdles they overcame. Mini bio and feature boxes offer fast and fascinating facts. Quotes from each featured scientist and their contemporaries inspire readers to explore STEM on their own, while charming illustrations and photographs immerse even reluctant readers. An information-rich timeline overviews the progress of women in physics and engineering, and a gallery spread introduces readers to even more ingenious women in STEM. Full of key scientific discoveries and inspiration, this unique combination of history and science will be perfect in any library and classroom. This book presents the most important contributions to modern psychological science and explains how the contributions came to be.

The 100 Best Nonfiction Books of All Time

Unsettled

100 Scientists Who Shaped World History

With Observations and Inquiries Thereupon

True Tales of Childhood from Science Superstars

100 Women Who Made History

***"Unsettled is a remarkable book—probably the best book on climate change for the intelligent layperson—that achieves the feat of conveying complex information clearly and in depth." —Claremont Review of Books "Surging sea levels are inundating the coasts." "Hurricanes and tornadoes are becoming fiercer and more frequent." "Climate change will be an economic disaster." You've heard all this presented as fact. But according to science, all of these statements are profoundly misleading. When it comes to climate change, the media, politicians, and other prominent voices have declared that "the science is settled." In reality, the long game of telephone from research to reports to the popular media is corrupted by misunderstanding and misinformation. Core questions—about the way the climate is responding to our influence, and what the impacts will be—remain largely unanswered. The climate is changing, but the why and how aren't as clear as you've probably been led to believe. Now, one of America's most distinguished scientists is clearing away the fog to explain what science really says (and doesn't say) about our changing climate. In Unsettled: What Climate Science Tells Us, What It Doesn't, and Why It***

***Matters, Steven Koonin draws upon his decades of experience—including as a top science advisor to the Obama administration—to provide up-to-date insights and expert perspective free from political agendas. Fascinating, clear-headed, and full of surprises, this book gives readers the tools to both understand the climate issue and be savvier consumers of science media in general. Koonin takes readers behind the headlines to the more nuanced science itself, showing us where it comes from and guiding us through the implications of the evidence. He dispels popular myths and unveils little-known truths: despite a dramatic rise in greenhouse gas emissions, global temperatures actually decreased from 1940 to 1970. What's more, the models we use to predict the future aren't able to accurately describe the climate of the past, suggesting they are deeply flawed. Koonin also tackles society's response to a changing climate, using data-driven analysis to explain why many proposed "solutions" would be ineffective, and discussing how alternatives like adaptation and, if necessary, geoengineering will ensure humanity continues to prosper. Unsettled is a reality check buoyed by hope, offering the truth about climate science that you aren't getting elsewhere—what we know, what we don't, and what it all means for our future.***

***A wonderfully readable account of scientific development over the past five hundred years, focusing on the lives and achievements of individual scientists, by the bestselling author of In Search of Schrödinger's Cat In this ambitious new book, John Gribbin tells the stories of the people who have made science, and of the times in which they lived and worked. He begins with Copernicus, during the Renaissance, when science replaced mysticism as a means of explaining the workings of the world, and he continues through the centuries, creating an unbroken genealogy of not only the greatest but also the more obscure names of Western science, a dot-to-dot line linking amateur to genius, and accidental discovery to brilliant deduction. By focusing on the scientists themselves, Gribbin has written an anecdotal narrative enlivened with stories of personal drama, success and failure. A bestselling science writer with an international reputation, Gribbin is among the few authors who could even attempt a work of this magnitude. Praised as "a sequence of witty, information-packed tales" and "a terrific read" by The Times upon its recent British publication, The Scientists breathes new life into such venerable icons as Galileo, Isaac Newton, Albert Einstein and Linus Pauling, as well as lesser lights whose stories have been undeservedly neglected. Filled with pioneers, visionaries, eccentrics and madmen, this is the history of science as it has never been told before.***

***The study of electoral realignments is one of the most influential and intellectually stimulating enterprises undertaken by American political scientists. Realignment theory has been seen as a science able to predict changes, and generations of students, journalists, pundits, and political scientists have been trained to be on the lookout for "signs" of new electoral realignments. Now a major political scientist argues that the***

**essential claims of realignment theory are wrong—that American elections, parties, and policymaking are not (and never were) reconfigured according to the realignment calendar. David Mayhew examines fifteen key empirical claims of realignment theory in detail and shows us why each in turn does not hold up under scrutiny. It is time, he insists, to open the field to new ideas. We might, for example, adopt a more nominalistic, skeptical way of thinking about American elections that highlights contingency, short-term election strategies, and valence issues. Or we might examine such broad topics as bellicosity in early American history, or racial questions in much of our electoral history. But we must move on from an old orthodoxy and failed model of illumination.**

**The 100 Most Influential Scientists is part of the Britannica Guide Series that offers a look into 100 scientists from Ancient Greece to the present day. The Britannica Guides series offers an essential introduction to many of the key issues of our time. Clear, accurate, and meticulously researched, the series gives both background and analysis for when you need to know for sure what is really happening in the world, whether you are an expert, student, or traveler.**

**The Daily Show (The Book)**

**Headstrong**

**Black Heroes**

**Scientists Making a Difference**

**Quacks, Hacks, and Big Pharma Flacks**

*Discover the scientific breakthroughs of 100 brilliant scientists, from Albert Einstein, Marie Curie and Stephen Hawking, to lesser-known geniuses including 4th-century mathematician Hypatia of Alexandria, 11th-century Chinese polymath Shen Kuo and 20th-century Kenyan environmentalist Wangari Maathai. Features 100 great scientists from widely varied periods, places and backgrounds. Fresh, graphic style of design with original full-colour illustrations throughout. Engaging text designed for dipping in and out, with recommendations for carefully selected websites to find out more via Usborne Quicklinks.*

*At one time, Hooke was a research assistant to Robert Boyle. He is believed to be one of the greatest inventive geniuses of all time and constructed one of the most famous of the early compound microscopes.*

*Prepare to be inspired with this fantastically great new series for young readers. In this first book, read the true stories of amazing scientists and discover things that are out of this world. Women have been responsible for many of the world's most groundbreaking scientific discoveries. Kate Pankhurst, descendent of Emmeline Pankhurst, tells the stories of some incredible female scientists whose hard work and persistence*

changed our understanding of science, and transformed people's ideas of what women can do. As a child Mae Jemison imagined herself reaching for the stars and that's exactly what she did: she became the first African-American woman to go into space. When Elizabeth Blackwell was told women weren't allowed to be doctors, she didn't take no for an answer. Tu Youyou spent months on a remote island during the Vietnam War to try and invent a treatment for malaria - and she did it. Including comic strips, family trees, maps and more, *Fantastically Great Women Scientists and Their Stories* is a celebration of women who made some of the world's most important scientific breakthroughs. Women featured: Mae Jemison, Marie Curie, Elizabeth Blackwell, Janaki Ammal, Caroline Herschel, Katia Krafft, Tu Youyou and Rosalind Franklin.

A STEM-focused addition to the #1 New York Times bestselling *She Persisted* series! Throughout history, women have been told that science isn't for them. They've been told that they're not smart enough, or that their brains just aren't able to handle it. In this book, Chelsea Clinton introduces readers to women scientists who didn't listen to those who told them "no" and who used their smarts, their skills and their persistence to discover, invent, create and explain. *She Persisted in Science* is for everyone who's ever had questions about the world around them or the way things work, and who won't give up until they find their answers. With engaging artwork by Alexandra Boiger accompanying the inspiring text, this is a book that shows readers that everyone has the potential to make a difference, and that women in science change our world. This book features: Florence Nightingale, Rebecca Lee Crumpler, Ynes Henrietta Julietta Mexia, Grace Hopper, Rosalind Franklin, Gladys West, Jane Goodall, Flossie Wong-Staal, Temple Grandin, Zaha Hadid, Ellen Ochoa, Dr. Mona Hanna-Attisha & Mari Copeny, and Autumn Peltier, Greta Thunberg & Wanjiru Wathuti Praise for *She Persisted*: \* "[A] lovely, moving work of children's literature [and a] polished introduction to a diverse and accomplished group of women." -Publishers Weekly, starred review "Exemplary . . . This well-curated list will show children that women's voices have made themselves emphatically heard." -Booklist "[*She Persisted*] will remind little girls that they can achieve their goals if they don't let obstacles get in the way." -Family Circle "We can't wait to grab a copy for some of the awesome kids in our lives . . . and maybe some of the grown-ups, too." -Bustle "A message we all need to hear." -Scary Mommy Praise for *She Persisted in Science*: "This inspiring collective biography provides a host of role models for young readers." --School Library Journal

*100 Great Scientists Who Changed the World*

*Scientists Who Changed History*

*A History of Science Told Through the Lives of Its Greatest Inventors*

*A Ranking of the Most Influential Persons in History*

*Electoral Realignments*

*Fearless Pioneers Who Changed the World*

Brief overviews of 100 of the most prominent people in modern history from discoverers to sports stars.

From brainy biologists and clever chemists to magnificent mathematicians and phenomenal physicists, discover 100 remarkable scientists who shaped our world. Containing a universe of knowledge, *100 Scientists Who Made History* tells the story of the people who increased our grasp of almost everything around us. From Aristotle and Rosalind Franklin, to Marie Curie, Stephen Hawking, and Brian Cox, get the lowdown on the people whose thirst for knowledge has shaped the way we live today. Find out when each scientist lived, what they discovered, and why it was important. Learn a little about the life of each person and how they made their discoveries - some studied for years and some discoveries happened by accident! See how scientists through time built on each other's work to advance their research and our knowledge about the world. With beautiful photography and illustrations, *100 Scientists Who Made History* is a fascinating look at the most important scientists and their discoveries.

Profiles the scientists who made significant contributions, describes their failures and accomplishments, and explains how they impacted science and society.

The biggest discoveries...the most inquiring minds...the 40 most inspiring super scientists of all time are here! Learn how these scientists shaped the world in this fact-packed book from the *40 Inspiring Icons* series. From Galileo Galilei's terrific telescope discoveries, to Louis Pasteur's victorious vaccinations, to Ada Lovelace's cracking computer codes, discover how each of these scientists spent their lives asking questions and making leaps and bounds in the world of science and technology. Beginning with the Ancient Greek philosopher Thales, who discovered geometry and astronomy, right up to the modern astrophysicist Neil deGrasse Tyson, who has popularized complex scientific theories through the use of simple language, these are the

40 super scientists to be learned about by all: Thales; Pythagoras; Aristotle; Euclid; Archimedes; Zhang Heng; Hypatia of Alexandria; Brahmagupta; Avicenna; Alhazen; Roger Bacon; Nicolaus Copernicus; Galileo Galilei; Johannes Kepler; Isaac Newton; William Harvey; Rene Descartes; Antoine Lavoisier; Mary Anning; Michael Faraday; James Clerk Maxwell; Charles Darwin; Gregor Mendel; Louis Pasteur; Dmitri Ivanovich Medeleev; Ada Lovelace; David Hilbert; Marie Curie; Ernest Rutherford; Albert Einstein; Niels Bohr; Alfred Wegener; Alan Turing; Rosalind Franklin; HGP and the Human Genome; Vera Rubin; Francoise Barre-Sinoussi; Tim Berners-Lee; Stephen Hawking; Neil Degrasse Tyson. Each spread presents a single scientist, highlighting key facts about their life, the scientific advances they made, the applications for their discoveries, and the surrounding historical and social context, along with a fun, illustrated depiction of them that calls out elements of life and the observational instruments they used. Each is a pioneer of their age, but which scientist do you think is truly out of this world? Each book in the 40 Inspiring Icons series introduces readers to a fascinating non-fiction subject through its 40 most famous people or groups. Explore these other great topics through their most interesting icons: People of Peace, Greek Gods and Heroes, Soccer Stars, Fantastic Footballers, Music Legends, and Black Music Greats.

Great Scientists

The 100

52 Women Who Changed Science-and the World

100 Inventions That Made History

Genes, Race and Human History

Science Year by Year

***Have you ever wondered how one day the media can assert that alcohol is bad for us and the next unashamedly run a story touting the benefits of daily alcohol consumption? Or how a drug that is pulled off the market for causing heart attacks ever got approved in the first place? How can average readers, who aren't medical doctors or Ph.D.s in biochemistry, tell what they should be paying attention to and what's, well, just more bullshit? Ben Goldacre has made a point of exposing quack doctors and nutritionists, bogus credentialing programs, and biased scientific studies. He has also taken the media to task for its willingness to throw facts and proof out the window. But he's not here just to tell you what's wrong. Goldacre is here to teach you how to evaluate placebo effects,***

**double-blind studies, and sample sizes, so that you can recognize bad science when you see it. You're about to feel a whole lot better. Applying quirky illustrations and fun, informative text, 100 Events That Made History takes a look at the key events from the past that have helped shape our present. from bloodthirsty battles and rebellious revolutions to curious coincidences and unfortunate accidents. Full of history and history-makers, 100 Events That Made History contains all the historical accounts you'd expect to find, and plenty that you wouldn't! Divided into five chapters: Momentous Moments, Battling It Out, Weird or What?, Nasty Nature, and The Good, the Bad, and the Ugly, major moments that have changed the course of history are showcased together with minor incidents to give full context to each event. From the Gold Rush to the moon landing, and the Great Fire of London to the sinking of the Titanic, 100 Events That Made History is perfect for book reports, school projects, or anytime reading to satisfy and educate curious minds. If you thought that it was a man's world, think again! 100 Women Who Made History is the exciting story of the women who changed the world. Get ready to meet some of history's wonder women. From super scientists like Marie Curie and Rosalind Franklin to clued-up creatives like Emily Dickinson and J.K Rowling. Celebrate centuries of brave and brilliant women with this visual educational book. Meet the most talented and famous women in history. Figures who changed politics, science, business, and the arts, to those who were exciting entrepreneurs and clever creatives. Discover the landmark moments in the lives of amazing historical women. Learn about leading ladies like Joan of Arc and Eleanor Roosevelt, and modern game-changers such as Maya Angelou, Angela Merkel, Serena Williams, and Malala Yousafzai. A rich history book for kids that explores the lives of each woman in detail with beautiful photography and quirky "bobblehead" illustrations that present history on an engaging and fun way. Meet The Wonder Women Who Helped Shape The World Take a tour of the past and uncover the stories of the women and girls who have shaped the modern world. Find out what made Catherine so Great, why millions have read Anne Frank's diary, and how Harriet Tubman led hundreds to freedom. Kids can easily put each woman's story into context with "what came before..." and "what came after..." panels showing the things that influenced and were influenced by each woman. Special features highlight contemporaneous women and women in similar fields to paint a more complete picture for young readers. 100 Women Who Made History is a wonderfully inspirational history book for girls and boys ages 9 and up. This history book is a great learning tool for all children that broaches themes like human rights and gender equality from an age-appropriate angle. Learn about the different remarkable women in the past: - Clued-up creatives -**

**Super scientists - Learning ladies - Intrepid entrepreneurs - Amazing achievers 100 Women Who Made History is part of the 100 Who Made History book series. Explore the most important people in history and how they contributed to significant attributes of the past that have helped to shape the past into our present.**

**Read about the men and women who have improved our lives through science including Dr. Daniel Hale Williams, astronaut Mae Jemison, inventor George Washington Carver, psychologists Kenneth and Mamie Clark, and many more.**

**The Most Important Scientists from Ancient Greece to the Present Day**

**Brilliant Breakthroughs That Shaped Our World**

**The Giant Book of Scientists**

**Groundbreaking Scientists**

**The Ideas That Shaped a Century and a Company**

**Meet the People who Shaped the Modern World**

Incredible inventions and inspiring innovations have transformed the world today, so you can't imagine life without them! This tour through time tracks the brilliant breakthroughs of great geniuses starting with ancient times and ending in the modern era. Packed full of awesome ideas, from airplanes, batteries, and chocolate, to video games, wheels, and X-rays, you'll hear the inside story on the brainwaves behind them all. You'll meet the masters of invention who dreamed up the greatest gadgets and gizmos ever. From the everyday essentials we take for granted to fabulous firsts like the car and the television, this roll call of history's most groundbreaking inventions is guaranteed to educate, engage, and entertain the whole family. Part of DK's best-selling top 100 in History series, 100 Inventions That Made History presents an in-depth exploration of each important invention in unprecedented detail with eye-catching visuals and informative text, while stunning galleries reveal a selection of mind-blowing inventions on a shared theme. Also included are the disastrous prototypes that never got off the ground and the futuristic fantasies that may soon be up and running. Open your eyes to a world of wonder... and who knows, you might become the trailblazer of tomorrow!

Profiles the great men and women scientists who have contributed to some of the most important scientific breakthroughs in history, including Copernicus, Einstein, Curie, and the Leakeys.

Brilliant Women Who Made a Difference

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