

Genius The Life And Science Of Richard Feynman James Gleick

If you ally compulsion such a referred **genius the life and science of richard feynman james gleick** ebook that will have enough money you worth, acquire the categorically best seller from us currently from several preferred authors. If you desire to funny books, lots of novels, tale, jokes, and more fictions collections are with launched, from best seller to one of the most current released.

You may not be perplexed to enjoy every book collections genius the life and science of richard feynman james gleick that we will no question offer. It is not all but the costs. Its very nearly what you infatuation currently. This genius the life and science of richard feynman james gleick, as one of the most in action sellers here will agreed be in the middle of the best options to review.

True Genius - Vicki Daitch 2002-10-28

What is genius? Define it. Now think of scientists who embody the concept of genius. Does the name John Bardeen spring to mind? Indeed, have you ever heard of him? Like so much in modern life, immediate name recognition often rests on a cult of personality. We know Einstein, for example, not just for his tremendous contributions to science, but also because he was a character, who loved to mug for the camera. And our continuing fascination with Richard Feynman is not exclusively based on his body of work; it is in large measure tied to his flamboyant nature and offbeat sense of humor. These men, and their outsize personalities, have come to erroneously symbolize the true nature of genius and creativity. We picture them born brilliant, instantly larger than life. But is that an accurate picture of genius? What of others who are equal in stature to these icons of science, but whom history has awarded only a nod because they did not readily engage the public? Could a person qualify as a bona fide genius if he was a regular Joe? The answer may rest in the story of John Bardeen. John Bardeen was the first person to have been awarded two Nobel Prizes in the same field. He shared one with William Shockley and Walter Brattain for the invention of the transistor. But it was the charismatic Shockley who garnered all the attention, primarily for his Hollywood ways and notorious views on race

and intelligence. Bardeen's second Nobel Prize was awarded for the development of a theory of superconductivity, a feat that had eluded the best efforts of leading theorists-including Albert Einstein, Neils Bohr, Werner Heisenberg, and Richard Feynman. Arguably, Bardeen's work changed the world in more ways than that of any other scientific genius of his time. Yet while every school child knows of Einstein, few people have heard of John Bardeen. Why is this the case? Perhaps because Bardeen differs radically from the popular stereotype of genius. He was a modest, mumbling Midwesterner, an ordinary person who worked hard and had a knack for physics and mathematics. He liked to picnic with his family, collaborate quietly with colleagues, or play a round of golf. None of that was newsworthy, so the media, and consequently the public, ignored him. John Bardeen simply fits a new profile of genius. Through an exploration of his science as well as his life, a fresh and thoroughly engaging portrait of genius and the nature of creativity emerges. This perspective will have readers looking anew at what it truly means to be a genius.

Einstein in Love - Dennis Overbye 2001-10-01

In Einstein in Love, Dennis Overbye has written the first profile of the great scientist to focus exclusively on his early adulthood, when his major discoveries were made. It reveals Einstein to be very much a

young man of his time—draft dodger, self-styled bohemian, poet, violinist, and cocky, charismatic genius who left personal and professional chaos in his wake. Drawing upon hundreds of unpublished letters and a decade of research, *Einstein in Love* is a penetrating portrait of the modern era's most influential thinker.

[True Genius](#) - Joel N. Shurkin 2017

"The first biography of Richard Feynman, a physicist whose work has had wide-ranging impacts on modern life from well-known technical innovations to progress in nuclear disarmament"--

[Summary of "Genius" by James Gleick](#) - QuickRead

Learn about the life and work of America's underrated genius. Richard Feynman might not be a household name, but he's still a name you need to know! *Genius* (2011) explores Feynman's life and contributions to the field of theoretical physics. Do you want more free book summaries like this? Download our app for free at <https://www.QuickRead.com/App> and get access to hundreds of free book and audiobook summaries.

[Genius](#) - James Gleick 1993-11-02

To his colleagues, Richard Feynman was not so much a genius as he was a full-blown magician: someone who "does things that nobody else could do and that seem completely unexpected." The path he cleared for twentieth-century physics led from the making of the atomic bomb to a Nobel Prize-winning theory of quantum electrodynamics to his devastating exposé of the Challenger space shuttle disaster. At the same time, the ebullient Feynman established a reputation as an eccentric showman, a master safe cracker and bongo player, and a wizard of seduction. Now James Gleick, author of the bestselling *Chaos*, unravels the dense skein of Feynman's thought as well as the paradoxes of his character in a biography—which was nominated for a National Book Award—of outstanding lucidity and compassion.

The Greek Genius and Its Meaning to Us - R.W. Livingstone 1915

[QED](#) - Richard P. Feynman 2014-10-26

Celebrated for his brilliantly quirky insights into the physical world, Nobel laureate Richard Feynman also possessed an extraordinary talent

for explaining difficult concepts to the general public. Here Feynman provides a classic and definitive introduction to QED (namely, quantum electrodynamics), that part of quantum field theory describing the interactions of light with charged particles. Using everyday language, spatial concepts, visualizations, and his renowned "Feynman diagrams" instead of advanced mathematics, Feynman clearly and humorously communicates both the substance and spirit of QED to the layperson. A. Zee's introduction places Feynman's book and his seminal contribution to QED in historical context and further highlights Feynman's uniquely appealing and illuminating style.

The Darker Side of Genius - Jacob Katz 2002-06

Richard Wagner's anti-Semitism considered in the context of his time, place, and aspirations rather than in relation to his later appropriation by the Nazis.

[12 Rules for Life](#) - Jordan B. Peterson 2018-01-23

#1 NATIONAL BESTSELLER #1 INTERNATIONAL BESTSELLER What does everyone in the modern world need to know? Renowned psychologist Jordan B. Peterson's answer to this most difficult of questions uniquely combines the hard-won truths of ancient tradition with the stunning revelations of cutting-edge scientific research. Humorous, surprising and informative, Dr. Peterson tells us why skateboarding boys and girls must be left alone, what terrible fate awaits those who criticize too easily, and why you should always pet a cat when you meet one on the street. What does the nervous system of the lowly lobster have to tell us about standing up straight (with our shoulders back) and about success in life? Why did ancient Egyptians worship the capacity to pay careful attention as the highest of gods? What dreadful paths do people tread when they become resentful, arrogant and vengeful? Dr. Peterson journeys broadly, discussing discipline, freedom, adventure and responsibility, distilling the world's wisdom into 12 practical and profound rules for life. *12 Rules for Life* shatters the modern commonplaces of science, faith and human nature, while transforming and ennobling the mind and spirit of its readers.

A Force of Nature: The Frontier Genius of Ernest Rutherford -

Richard Reeves 2008-12-17

"Starred Review. Reeves deploys his considerable writing skill in portraying Rutherford's personality ... capturing the full aspect of the man."—Booklist Born in colonial New Zealand, Ernest Rutherford grew up on the frontier—a different world from Cambridge, to which he won a scholarship at the age of twenty-four. His work revolutionized modern physics. Among his discoveries were the orbital structure of the atom and the concept of the "half-life" of radioactive materials. Rutherford and the young men working under him were the first to split the atom, unlocking tremendous forces—forces, as Rutherford himself predicted, that would bring us the atomic bomb. In Richard Reeves's hands, Rutherford comes alive, a ruddy, genial man and a pivotal figure in scientific history.

Faster - James Gleick 2000-09-15

From the bestselling, National Book Award-nominated author of *Genius and Chaos*, a bracing work about the accelerating pace of change in today's world. Most of us suffer some degree of "hurry sickness," a malady that has launched us into the "epoch of the nanosecond," a need-everything-yesterday sphere dominated by cell phones, computers, faxes, and remote controls. Yet for all the hours, minutes, and even seconds being saved, we're still filling our days to the point that we have no time for such basic human activities as eating, sex, and relating to our families. Written with fresh insight and thorough research, *Faster* is a wise and witty look at a harried world not likely to slow down anytime soon.

Theory of Fundamental Processes Richard Feynman 2018-02-19

This book considers the basic ideas of quantum mechanics, treating the concept of amplitude and discusses relativity and the idea of anti-particles and explains quantum electrodynamics. It provides experienced researchers with an invaluable introduction to fundamental processes.

"Surely You're Joking, Mr. Feynman!": Adventures of a Curious

Character - Richard P. Feynman 2018-02-06

One of the most famous science books of our time, the phenomenal national bestseller that "buzzes with energy, anecdote and life. It almost

makes you want to become a physicist" (Science Digest). Richard P. Feynman, winner of the Nobel Prize in physics, thrived on outrageous adventures. In this lively work that "can shatter the stereotype of the stuffy scientist" (Detroit Free Press), Feynman recounts his experiences trading ideas on atomic physics with Einstein and cracking the uncrackable safes guarding the most deeply held nuclear secrets—and much more of an eyebrow-raising nature. In his stories, Feynman's life shines through in all its eccentric glory—a combustible mixture of high intelligence, unlimited curiosity, and raging chutzpah. Included for this edition is a new introduction by Bill Gates.

Stormy Genius - Richard L. Rashke 1985

The author recounts her visit to South Africa where she interviewed numerous young people, both black and white, to find out what growing up is like in a country torn apart by racial strife

Who Got Einstein's Office? - Ed Regis 1988-01-22

It was home to Einstein in decline, the place where Kurt Gödel starved himself in paranoid delusion, and where J. Robert Oppenheimer rode out his political persecution in the Director's mansion. It is the Institute for Advanced Study in Princeton, New Jersey; at one time or another, home to fourteen Nobel laureates, most of the great physicists and mathematicians of the modern era, and two of the most exciting developments in twentieth-century science—cellular automata and superstrings. *Who Got Einstein's Office?* tells for the first time the story of this secretive institution and of its fascinating personalities.

The Pope of Physics - Gino Segrè 2016-10-18

Enrico Fermi is unquestionably among the greats of the world's physicists, the most famous Italian scientist since Galileo. Called the Pope by his peers, he was regarded as infallible in his instincts and research. His discoveries changed our world; they led to weapons of mass destruction and conversely to life-saving medical interventions. This unassuming man struggled with issues relevant today, such as the threat of nuclear annihilation and the relationship of science to politics. Fleeing Fascism and anti-Semitism, Fermi became a leading figure in America's most secret project: building the atomic bomb. The last

physicist who mastered all branches of the discipline, Fermi was a rare mixture of theorist and experimentalist. His rich legacy encompasses key advances in fields as diverse as cosmic rays, nuclear technology, and early computers. In their revealing book, *The Pope of Physics*, Gino Segré and Bettina Hoerlin bring this scientific visionary to life. An examination of the human dramas that touched Fermi's life as well as a thrilling history of scientific innovation in the twentieth century, this is the comprehensive biography that Fermi deserves.

No Ordinary Genius - Richard Phillips Feynman 1995

A portrait of the late Nobel Prize-winning physicist recounts his early enthusiasm for science, work on the atom bomb, and inquiry into the Challenger explosion

The German Genius - Peter Watson 2010-09-16

From the end of the Baroque age and the death of Bach in 1750 to the rise of Hitler in 1933, Germany was transformed from a poor relation among western nations into a dominant intellectual and cultural force more influential than France, Britain, Italy, Holland, and the United States. In the early decades of the 20th century, German artists, writers, philosophers, scientists, and engineers were leading their freshly-unified country to new and undreamed of heights, and by 1933, they had won more Nobel prizes than anyone else and more than the British and Americans combined. But this genius was cut down in its prime with the rise and subsequent fall of Adolf Hitler and his fascist Third Reich—a legacy of evil that has overshadowed the nation's contributions ever since. Yet how did the Germans achieve their pre-eminence beginning in the mid-18th century? In this fascinating cultural history, Peter Watson goes back through time to explore the origins of the German genius, how it flourished and shaped our lives, and, most importantly, to reveal how it continues to shape our world. As he convincingly demonstrates, while we may hold other European cultures in higher esteem, it was German thinking—from Bach to Nietzsche to Freud—that actually shaped modern America and Britain in ways that resonate today.

Richard Feynman - John Gribbin 2018-02-08

One hundred years on from his birth, and 30 since his death, Richard

Feynman's discoveries in modern physics are still thoroughly relevant. Magnificently charismatic and fun-loving, he brought a sense of adventure to the study of science. His extraordinary career included war-time work on the atomic bomb at Los Alamos, a profoundly original theory of quantum mechanics, for which he won the Nobel prize, and major contributions to the sciences of gravity, nuclear physics and particle theory. Interweaving personal anecdotes and recollections with clear scientific narrative, acclaimed science writers John and Mary Gribbin reveal a fascinating man with an immense passion for life – a superb teacher, a wonderful showman and one of the greatest scientists of his generation.

What Life was Like at the Rebirth of Civilization - Life Books 1999

Explores the civilization of Renaissance Italy, including the wars between city-states, Vatican intrigues, architecture, literature, art, fashion, and courtship rituals

Grit - Angela Duckworth 2016-05-03

In this instant New York Times bestseller, Angela Duckworth shows anyone striving to succeed that the secret to outstanding achievement is not talent, but a special blend of passion and persistence she calls "grit." "Inspiration for non-genius everywhere" (People). The daughter of a scientist who frequently noted her lack of "genius," Angela Duckworth is now a celebrated researcher and professor. It was her early eye-opening stints in teaching, business consulting, and neuroscience that led to her hypothesis about what really drives success: not genius, but a unique combination of passion and long-term perseverance. In *Grit*, she takes us into the field to visit cadets struggling through their first days at West Point, teachers working in some of the toughest schools, and young finalists in the National Spelling Bee. She also mines fascinating insights from history and shows what can be gleaned from modern experiments in peak performance. Finally, she shares what she's learned from interviewing dozens of high achievers—from JP Morgan CEO Jamie Dimon to New Yorker cartoon editor Bob Mankoff to Seattle Seahawks Coach Pete Carroll. "Duckworth's ideas about the cultivation of tenacity have clearly changed some lives for the better" (The New York Times

Book Review). Among Grit's most valuable insights: any effort you make ultimately counts twice toward your goal; grit can be learned, regardless of IQ or circumstances; when it comes to child-rearing, neither a warm embrace nor high standards will work by themselves; how to trigger lifelong interest; the magic of the Hard Thing Rule; and so much more. Winningly personal, insightful, and even life-changing, Grit is a book about what goes through your head when you fall down, and how that—not talent or luck—makes all the difference. This is "a fascinating tour of the psychological research on success" (The Wall Street Journal). Hereditary Genius - Francis Galton 1870

Strange Genius - Mike Foster 1994

"The legendary explorer who is said to have "put Yellowstone on the map," both figuratively and literally, Ferdinand Vanderveer Hayden is generally credited with having revealed the structure of western geology to both the scientific community and the public at large during the great surveys of the late nineteenth century ... But, as a tremendously self-absorbed man, an often insensitive friend, and an aggressive adversary, Hayden was more times than not his own worst enemy. This fascinating paradox is the subject of this major biography, the first ever of the man who, along with George Wheeler, John Wesley Powell, and Clarence King, conducted the great surveys of the American West."--Front flap.

Two Birds in a Tree - Ram Nidumolu 2013-10-07

The Higher Reality of Business The health of business is inextricably linked with the health of humanity and nature. But our current approaches to leadership treat business as entirely separate—and the result has been recurring economic, environmental, and human crises. In this extraordinary book, Ram Nidumolu uses evocative parables and stories from the ancient Indian wisdom texts, the Upanishads, to introduce Being-centered leadership. This new kind of leadership is anchored in the concept of Being, the fundamental reality that underlies all phenomena. Being-centered leaders are guided by an innate sense of interconnection—the good of the whole becomes an integral part of their decisions and actions. Using the experiences of over twenty trailblazing

CEOs, as well as those from his own life, Nidumolu describes a four-stage road map every aspiring leader can use to reconnect business to the wider world—to the benefit of all.

A Heartbreaking Work of Staggering Genius - Dave Eggers 2001
The author chronicles his life after the deaths of his parents, when he was responsible for the care and upbringing of his eight-year-old brother, and offers a new appendix clarifying, amending, and expanding the original work.

The Strangest Man - Graham Farmelo 2009-08-25

Paul Dirac was among the great scientific geniuses of the modern age. One of the discoverers of quantum mechanics, the most revolutionary theory of the past century, his contributions had a unique insight, eloquence, clarity, and mathematical power. His prediction of antimatter was one of the greatest triumphs in the history of physics. One of Einstein's most admired colleagues, Dirac was in 1933 the youngest theoretician ever to win the Nobel Prize in physics. Dirac's personality is legendary. He was an extraordinarily reserved loner, relentlessly literal-minded and appeared to have no empathy with most people. Yet he was a family man and was intensely loyal to his friends. His tastes in the arts ranged from Beethoven to Cher, from Rembrandt to Mickey Mouse. Based on previously undiscovered archives, *The Strangest Man* reveals the many facets of Dirac's brilliantly original mind. A compelling human story, *The Strangest Man* also depicts a spectacularly exciting era in scientific history.

Perfectly Reasonable Deviations from the Beaten Track - Richard P. Feynman 2008-08-01

A Nobel Prize-winning physicist, a loving husband and father, an enthusiastic teacher, a surprisingly accomplished bongo player, and a genius of the highest caliber--Richard P. Feynman was all these and more. *Perfectly Reasonable Deviations From the Beaten Track*--collecting over forty years' worth of Feynman's letters--offers an unprecedented look at the writer and thinker whose scientific mind and lust for life made him a legend in his own time. Containing missives to and from such scientific luminaries as Victor Weisskopf, Stephen Wolfram, James

Watson, and Edward Teller, as well as a remarkable selection of letters to and from fans, students, family, and people from around the world eager for Feynman's advice and counsel, *Perfectly Reasonable Deviations From the Beaten Track* not only illuminates the personal relationships that underwrote the key developments in modern science, but also forms the most intimate look at Feynman yet available. Feynman was a man many felt close to but few really knew, and this collection reveals the full wisdom and private passion of a personality that captivated everyone it touched. *Perfectly Reasonable Deviations From the Beaten Track* is an eloquent testimony to the virtue of approaching the world with an inquiring eye; it demonstrates the full extent of the Feynman legacy like never before. Edited and with additional commentary by his daughter Michelle, it's a must-read for Feynman fans everywhere, and for anyone seeking to better understand one of the towering figures--and defining personalities--of the twentieth century.

Genius - James Gleick 2011-02-22

New York Times Bestseller: This life story of the quirky physicist is "a thorough and masterful portrait of one of the great minds of the century" (The New York Review of Books). Raised in Depression-era Rockaway Beach, physicist Richard Feynman was irreverent, eccentric, and childishly enthusiastic—a new kind of scientist in a field that was in its infancy. His quick mastery of quantum mechanics earned him a place at Los Alamos working on the Manhattan Project under J. Robert Oppenheimer, where the giddy young man held his own among the nation's greatest minds. There, Feynman turned theory into practice, culminating in the Trinity test, on July 16, 1945, when the Atomic Age was born. He was only twenty-seven. And he was just getting started. In this sweeping biography, James Gleick captures the forceful personality of a great man, integrating Feynman's work and life in a way that is accessible to laymen and fascinating for the scientists who follow in his footsteps.

Genius - James Gleick 1994

Richard Feynman was the most brilliant and influential physicist of our time. Architect of quantum theories, enfant terrible of the atomic bomb

project, caustic inquisitor on the space shuttle commission, ebullent bongo-player and storyteller - Feynman played a bewildering assortment of roles in the science of the post-war era. A brilliant interweaving of Richard Feynman's colourful life and a detailed and accessible account of his theories and experiments.

The Selfish Genius - Fern Elsdon-Baker 2009

Richard Dawkins is one of the most widely read and popular proponents of Darwinism in the world. Yet, as a scientist, he is behind the times, argues this undoubtedly controversial book.

Enigmas of Chance - Mark Kac 1987

Traces the life of one of the world's most brilliant mathematicians from his youth in pre-war Poland and his training under Steinhaus to his post-graduate work at Johns Hopkins, Cornell, and Princeton and his research and teachings today

IDIOT GENIUS Willa Snap and the Clockwerk Boy - Richard Due 2017-12-22

Idiot Genius: Willa Snap and the Clockwerk Boy is the first book in a new sci-fi polypunk series by Richard Due, author of the award-winning Moon Realm series. What's it about? Here's Willa (she's eleven): Ever wonder why some crazy scientist hasn't blown up the world? I used to wonder about it all the time. Actually, I was pretty sure my mom would be the one to do it. But now I know better. It turns out there's a force working hard to keep the world from going KABLOOEY. Who are these people? Wait for it: Idiots. Yep, you heard me right. How do I know? Well, apparently, I'm an Idiot. At least, according to the Geniuses I am. Confused? I'm not surprised. You're probably an Idiot too. It all began on a Thursday at precisely 8 a.m. I was standing in the family room of our lovely two-story house, directly across the street from Squirrel Brand Park in Cambridge, Massachusetts. The same family room that, in a few minutes, I would never ever, ever see again ever.

Classic Feynman - Richard Phillips Feynman 2006

An omnibus edition of classic adventure tales by the Nobel Prize-winning physicist includes his exchanges with Einstein and Bohr, ideas about gambling with Nick the Greek, and solution to the Challenger disaster, in

a volume complemented by an hour-long audio CD of his 1978 "Los Alamos from Below" lecture. 30,000 first printing.

The Soul of Genius - Jeffrey Orens 2021-07-06

A prismatic look at the meeting of Marie Curie and Albert Einstein and the impact these two pillars of science had on the world of physics, which was in turmoil. In 1911, some of the greatest minds in science convened at the First Solvay Conference in Physics, a meeting like no other. Almost half of the attendees had won or would go on to win the Nobel Prize. Over the course of those few days, these minds began to realize that classical physics was about to give way to quantum theory, a seismic shift in our history and how we understand not just our world, but the universe. At the center of this meeting were Marie Curie and a young Albert Einstein. In the years preceding, Curie had faced the death of her husband and soul mate, Pierre. She was on the cusp of being awarded her second Nobel Prize, but scandal erupted all around her when the French press revealed that she was having an affair with a fellow scientist, Paul Langevin. The subject of vicious misogynist and xenophobic attacks in the French press, Curie found herself in a storm that threatened her scientific legacy. Albert Einstein proved an supporter in her travails. They had an instant connection at Solvay. He was young and already showing flourishes of his enormous genius. Curie had been responsible for one of the greatest discoveries in modern science (radioactivity) but still faced resistance and scorn. Einstein recognized this grave injustice, and their mutual admiration and respect, borne out of this, their first meeting, would go on to serve them in their paths forward to making history. Curie and Einstein come alive as the complex people they were in the pages of *The Soul of Genius*. Utilizing never before seen correspondance and notes, Jeffrey Orens reveals the human side of these brilliant scientists, one who pushed boundaries and demanded equality in a man's world, no matter the cost, and the other, who was destined to become synonymous with genius.

Strategy Genius - Richard D Jones 2015-10-08

The fast-track MBA in strategy Imagine having instant access to the world's smartest thinking on strategy - and being shown exactly what to

do to guarantee that you get your own strategy right, every time.

Strategy Genius makes it easy to apply what researchers know about strategic thinking to the real world. 40 chapters based on hundreds of cutting-edge business and psychology research projects reveal what works and what doesn't work in strategy. Each of the 40 chapters is a mini-masterclass in strategic thinking, explaining the research and showing you how to apply it for yourself. In business, conventional wisdom often says one thing while research says another. *Strategy Genius* cuts through the noise to bring you proven research and techniques for applying it that will simply make you a better strategist. Quick to read and intensely practical, this book will bring a little strategy genius into your day. 'Strategy is one of those topics that many people talk about without having much idea what they mean. Richard Jones is one of the exceptions. A very good book; I recommend it strongly' Peter Hiscocks, CEO Judge Business School Executive Education, University of Cambridge 'Genius conflated into something you can understand. A bit like Richard, really' Michael Wilson, Director of Business and Economics Editor, Arise Global Networks

Bending Time - 2013

"When ten-year-old genius Emery Jones accidentally sends Chippy 190 million years back in time, he's not sure he can reverse the process--or if he even wants to. Chippy, his crew of bullies, their teacher, and even Emery's dad don't seem to understand Emery's genius. Will Emery Jones risk traveling to the Triassic Period to rescue a bully like Chippy? You never know what can happen when you have the brains and the technology for bending time"--Page 4 of cover.

Ordinary Genius - Stephanie Sammartino McPherson 1997

Recounts the life of the scientist whose theories of relativity revolutionized the way we look at space and time.

Isaac Newton - James Gleick 2007-12-18

Isaac Newton was born in a stone farmhouse in 1642, fatherless and unwanted by his mother. When he died in London in 1727 he was so renowned he was given a state funeral—an unheard-of honor for a subject whose achievements were in the realm of the intellect. During

the years he was an irascible presence at Trinity College, Cambridge, Newton imagined properties of nature and gave them names—mass, gravity, velocity—things our science now takes for granted. Inspired by Aristotle, spurred on by Galileo's discoveries and the philosophy of Descartes, Newton grasped the intangible and dared to take its measure, a leap of the mind unparalleled in his generation. James Gleick, the author of *Chaos and Genius*, and one of the most acclaimed science writers of his generation, brings the reader into Newton's reclusive life and provides startlingly clear explanations of the concepts that changed forever our perception of bodies, rest, and motion—ideas so basic to the twenty-first century, it can truly be said: We are all Newtonians.

Newton - Patricia Fara 2011-07-06

Isaac Newton is now universally celebrated as a genius of science, renowned for his innovatory work on gravity and optics. Yet Newton did not always enjoy such legendary status. His posthumous reputation has constantly changed and is riddled with contradictions. *NEWTON* investigates the different ways in which Newton's life and works have been interpreted at different times. It charts his transformation into a scientific genius, explaining the changing attitude of the scientific community towards Newton's ideas, from Berkeley to Einstein. It also explores the making of Newton the national hero, through the myths that surround him and the many artistic and literary descriptions of him. *NEWTON* tells the fascinating story of Newton's reputation, shedding light on the growth of science generally and on our changing attitude towards our intellectual heritage. 'Fara's brilliant book is not so much a biography as the story of a phenomenon . . . fascinating' Scotsman 'Fara does not debunk Newton as recent novelists have but delivers him more whole and greater than ever' Sunday Herald

The Quotable Feynman - Richard P. Feynman 2015-09-29

A treasure-trove of illuminating and entertaining quotations from beloved physicist Richard P. Feynman "Some people say, 'How can you live without knowing?' I do not know what they mean. I always live without knowing. That is easy. How you get to know is what I want to know."—Richard P. Feynman Nobel Prize-winning physicist Richard P.

Feynman (1918–88) was that rarest of creatures—a towering scientific genius who could make himself understood by anyone and who became as famous for the wit and wisdom of his popular lectures and writings as for his fundamental contributions to science. *The Quotable Feynman* is a treasure-trove of this revered and beloved scientist's most profound, provocative, humorous, and memorable quotations on a wide range of subjects. Carefully selected by Richard Feynman's daughter, Michelle Feynman, from his spoken and written legacy, including interviews, lectures, letters, articles, and books, the quotations are arranged under two dozen topics—from art, childhood, discovery, family, imagination, and humor to mathematics, politics, science, religion, and uncertainty. These brief passages—about 500 in all—vividly demonstrate Feynman's astonishing yet playful intelligence, and his almost constitutional inability to be anything other than unconventional, engaging, and inspiring. The result is a unique, illuminating, and enjoyable portrait of Feynman's life and thought that will be cherished by his fans at the same time that it provides an ideal introduction to Feynman for readers new to this intriguing and important thinker. The book features a foreword in which physicist Brian Cox pays tribute to Feynman and describes how his words reveal his particular genius, a piece in which cellist Yo-Yo Ma shares his memories of Feynman and reflects on his enduring appeal, and a personal preface by Michelle Feynman. It also includes some previously unpublished quotations, a chronology of Richard Feynman's life, some twenty photos of Feynman, and a section of memorable quotations about Feynman from other notable figures. Features: Approximately 500 quotations, some of them previously unpublished, arranged by topic A foreword by Brian Cox, reflections by Yo-Yo Ma, and a preface by Michelle Feynman A chronology of Feynman's life Some twenty photos of Feynman A section of quotations about Feynman from other notable figures Some notable quotations of Richard P. Feynman: "The thing that doesn't fit is the most interesting." "Thinking is nothing but talking to yourself inside." "It is wonderful if you can find something you love to do in your youth which is big enough to sustain your interest through all your adult life. Because, whatever it is, if you do it well

enough (and you will, if you truly love it), people will pay you to do what you want to do anyway." "I'd hate to die twice. It's so boring."