

Stephen Hawking A Life In Science Michael White

Stephen Hawking was: A physicist A cosmologist An author One of the cleverest people who ever lived. _____ While studying at Oxford University, Stephen Hawking was diagnosed with motor neurone disease, which meant that eventually he was completely paralysed, and could only talk via a computer. But that never held him back, and because of his work on time and space, he changed the way the world thinks about the universe. Discover more about the life of a man who is known for his incredible contribution to science in this beautifully illustrated book.

Stephen Hawking was widely recognized as the world's best physicist and even the most brilliant man alive—but what if his true talent was self-promotion? When Stephen Hawking died, he was widely recognized as the world's best physicist, and even its smartest person. He was neither. In *Hawking*, science journalist Charles Seife explores how Stephen Hawking came to be thought of as humanity's greatest genius. Hawking spent his career grappling with deep questions in physics, but his renown didn't rest on his science. He was a master of self-promotion, hosting parties for time travelers, declaring victory over problems he had not solved, and wooing billionaires. In a wheelchair and

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physically dependent on a cadre of devotees, Hawking still managed to captivate the people around him—and use them for his own purposes. A brilliant exposé and powerful biography, *Hawking* uncovers the authentic Hawking buried underneath the fake. It is the story of a man whose brilliance in physics was matched by his genius for building his own myth.

An icon of the last fifty years, Stephen Hawking seems to encapsulate genius—not since Albert Einstein has a scientific figure held such a position in popular consciousness. In this enthralling memoir, writer and physicist Leonard Mlodinow tells the story of his friend and their friendship, offering an intimate account of this giant of science. The two met in 2003, when Stephen asked Leonard if he would consider writing a book with him, the follow up to the bestselling *A Brief History of Time*. As they spent years working on a second book, *The Grand Design*, they forged a deep connection and Leonard gained a much better understanding of Stephen's daily life and struggles, as well as his compassion and good humour. Together they obsessed over the perfect sentence, debated the physics, and occasionally punted on Cambridge's waterways with champagne and strawberries. In time, Leonard was able to finish Stephen's jokes, chide his sporadic mischief, and learn how the hardships of his illness helped forge that unique perspective on the universe. By weaving together their shared story with a

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clear-sighted portrayal of Hawking's scientific achievements, Mlodinow creates a beautiful portrait of Stephen Hawking as a brilliant, impish and generous man whose life was not only exceptional but also genuinely inspiring.

A unique insight into the mind of one of the world's most extraordinary thinkers. Undoubtedly the most famous scientist on the planet and the very face of physics over the last half-century, Stephen Hawking is remarkable for many reasons. Not least because he has continued to strive to achieve so much while being hamstrung by debilitating illness. He has demonstrated categorically that if you put your mind to it, you can achieve anything, no matter your physical state. Of course, it helps if you happen to possess a mind such as his. His work on black holes put him on the map, and he became globally famous for his *A Brief History of Time*, communicating the most difficult scientific ideas at a period when he'd lost the ability to speak. *How to Think Like Stephen Hawking* reveals the key motivations, desires and philosophies that make Hawking one of the world's most enduring talents. Studying how he overcame great adversity, fought his demons as well as his detractors and looked back to the origins of the universe, with quotes and passages by and about him, you too can learn to think like the man who claims he can think in eleven dimensions.

A picture-book biography about science superstar Stephen Hawking, whose

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visionary mind revolutionized our concept of reality and whose struggle with ALS inspired millions. Perfect for parents and teachers looking to instill curiosity and a love for STEM. As a young boy, Stephen Hawking loved to read, stargaze, and figure out how things worked. He looked at the world and always asked, Why? He never lost that curiosity, which led him to make groundbreaking discoveries about the universe as a young man. Even being diagnosed with ALS didn't slow Stephen down. Those questions kept coming. As his body weakened, Stephen's mind expanded--allowing him to unlock secrets of the universe and become one of the most famous scientists of all time. Stephen always approached life with courage, a sense of humor, and endless curiosity. His story will encourage readers to look at the world around them with new eyes.

Stephen Hawking is one of the most remarkable figures of our time - a Cambridge genius who has earned international celebrity and become an inspiration to those who have witnessed his triumph over disability. This is Hawking's life story by Kitty Ferguson, written with help from Hawking himself and his close associates. Updated and substantially expanded from her earlier book of 1992, this carefully researched, up to the minute biography gives a rich picture of Hawking's life - his childhood, the heartrending beginning of his struggle with motor neurone disease, his ever-increasing international fame, and

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his long personal battle for survival in pursuit of a scientific understanding of the universe. Throughout Kitty Ferguson also summarizes and explains the cutting-edge science in which Hawking has been engaged. Stephen Hawking is written with the clarity and simplicity for which all Kitty Ferguson's books have been praised. The result is a captivating account of an extraordinary life and mind. Presents the life and accomplishments of the English scientist, who, despite suffering from Lou Gehrig's disease, has become a renowned cosmologist whose theory of black holes has had a profound influence on the modern study of the universe.

Themes: History, STEM, Stephen Hawking, Nonfiction, Tween, Chapter Book, Hi-Lo, Hi-Lo Books, Hi-Lo Solutions, High-Low Books, Hi-Low Books, ELL, EL, ESL, Struggling Learner, Struggling Reader, Special Education, SPED, Newcomers, Reading, Learning, Education, Educational, Educational Books. Stephen Hawking was one of the brightest minds of our time. A physicist and a lifelong learner, Hawking overcame serious obstacles and made discoveries that changed the world of science. Hawking was diagnosed with a terminal illness at an early age, but beat the odds time and again. Through humor, he helped make science more accessible to millions of people. This is his story. Take a look inside White Lightning Nonfiction, a hi-lo nonfiction series for students in the

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middle grades. Mature, high-interest topics pull in readers and engage them with interesting information; full-color photographs and illustrations; detailed graphic elements including charts, tables, and infographics; and fascinating facts. A 20-word glossary is included for vocabulary support.

Readers learn about the renowned British scientist, professor, and bestselling author ("A Brief History of Time") who spent his entire career trying to answer the question: "Where did the universe come from?" Original.

NATIONAL BESTSELLER Stephen Hawking has dazzled readers worldwide with a string of bestsellers exploring the mysteries of the universe. Now, for the first time, perhaps the most brilliant cosmologist of our age turns his gaze inward for a revealing look at his own life and intellectual evolution. My Brief History recounts Stephen Hawking's improbable journey, from his postwar London boyhood to his years of international acclaim and celebrity. Lavishly illustrated with rarely seen photographs, this concise, witty, and candid account introduces readers to a Hawking rarely glimpsed in previous books: the inquisitive schoolboy whose classmates nicknamed him Einstein; the jokester who once placed a bet with a colleague over the existence of a particular black hole; and the young husband and father struggling to gain a foothold in the world of physics and cosmology. Writing with characteristic humility and humor, Hawking opens up about the challenges that confronted him following his diagnosis of ALS at age twenty-one. Tracing his development as a thinker, he explains how the prospect of an early death urged him onward through numerous intellectual breakthroughs, and talks about the genesis of his masterpiece A Brief History of Time—one of the iconic books of the twentieth

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century. Clear-eyed, intimate, and wise, My Brief History opens a window for the rest of us into Hawking's personal cosmos.

'Travelling to Infinity' is a moving and engaging memoir written by Stephen Hawking's first wife about the turbulent years of her marriage with the astro-physics genius, her traumatic divorce and their recent reconciliation.

An intimate and inspirational exploration of Stephen Hawking--the man, the friend, and the physicist. Stephen Hawking was one of the most famous and influential physicists in the world. He left a mark in our culture that touched the lives of millions. His books have inspired countless scientists-to-be, and his research on the laws of black holes and the origin of the universe charted new territory. Recalling his nearly two-decades as a friend and collaborator with Stephen Hawking, Leonard Mlodinow brings a complex man into focus like no one has before. He introduces us to Hawking the colleague, for whom no detail is too minor to get right, a challenge for a man who could only type one word per minute. We meet Hawking the friend, who creates such strong connections with those around him that he can communicate powerfully with just the raise of an eyebrow. We witness Hawking the genius, who, against all odds, flourishes after he is diagnosed with ALS and pours his mind into uncovering the mysteries of the universe. Brilliant, impish, and kind, Hawking endeared himself to almost everyone he came into contact with. This beautiful portrait is inspirational and is sure to stick with you long after you've read it.

The famous physicist details the events of his life and career, including attending Oxford and Cambridge, his ALS diagnosis, his study of black holes, and his penning of the bestselling "A Brief History of Time."

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"Stephen Hawking has been an iconic figure in physics for the last half a century, making many groundbreaking discoveries on the nature of the universe. Yet while his mind roams to the farthest corners of reality, his body has become increasingly trapped by the advance of Lou Gehrig's disease, which has bound him to a wheelchair, without speech or movement except for a few facial muscles. Told in his youth that he would not live past his 20s, Hawking will turn 70 in 2012, and today he continues to inspire millions, drawing rock-concert-sized crowds wherever he lectures. Science writer Kitty Ferguson has been working with Stephen Hawking for decades, and produced an internationally bestselling biography of his life in 1992. Now, she brings his life as well as his scientific discoveries up-to-date. This is a remarkable look at how one of the greatest scientific mind alive overcame the odds to become the truly inspirational figure he is today"--

Stephen Hawking was recognized as one of the greatest minds of our time and a figure of inspiration after defying his ALS diagnosis at age twenty-one. He is known for both his breakthroughs in theoretical physics as well as his ability to make complex concepts accessible for all, and was beloved for his mischievous sense of humor. At the time of his death, Hawking was working on a final project: a book compiling his answers to the "big" questions that he was so often posed--questions that ranged beyond his academic field. Within these pages, he provides his personal views on our biggest challenges as a human race, and where we, as a planet, are heading next. Each section will be introduced by a leading thinker offering his or her own insight into Professor Hawking's contribution to our understanding. The book will also feature a foreword from Academy Award winning actor Eddie Redmayne, who portrayed Hawking in the film *The Theory of Everything*, and an afterword by Hawking's

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daughter, Lucy Hawking, as well as personal photographs and additional archival material. Stephen Hawking was diagnosed with motor neurone disease at the age of 21 and was expected to live for only another two years. He went on to write books and deliver public lectures right up until his death at the age of 76 in 2018. Hawking achieved commercial success with several works of popular science in which he discusses his own theories and cosmology in general. His book *A Brief History of Time*, a layman's guide to cosmology, appeared on the Sunday Times best-seller list for a record-breaking 237 weeks and sold more than 10 million copies. As Martin Rees, the cosmologist, astronomer royal and Hawking's longtime colleague wrote, His name will live in the annals of science; millions have had their cosmic horizons widened by his best-selling books; and even more, around the world, have been inspired by a unique example of achievement against all the odds a manifestation of amazing willpower and determination. In this concise and informative guide to Hawking's life and work, his key scientific achievements from gravitational singularities to quantum cosmology are covered in an approachable and accessible way. This is a celebration of an icon of modern physics, who inspired generations of scientists and changed our understanding of the universe.

In 1963 Stephen Hawking was given two years to live. Defying all the odds, he died in March 2018 at age seventy-six as the most celebrated scientist in the world. This carefully researched, and now newly updated, up-to-the-minute biography and tribute gives a rich picture of Hawking's remarkable life – his childhood, the heart-rending beginning of his struggle with motor neurone disease, his ever-increasing international

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fame, and his long personal battle for survival in pursuit of a scientific understanding of the universe. From more recent years, Kitty Ferguson describes his inspiring leadership at the London Paralympic Games, the release of the film *The Theory of Everything*, his continuing work on black holes and the origin of the universe, the discovery of 'supertranslations', and the astounding 'Starshot' program. Here also are his intense concern for the future of the Earth and his use of his celebrity to fight for environmental and humanitarian causes, and, finally, a ground-breaking paper he was working on at the time of his death, in which he took issue with some of his own earlier theories. Throughout, Ferguson summarizes and explains the cutting-edge science in which Hawking was engaged. In March, 2018, tributes poured in from around the world and friends and strangers Hawking had inspired gathered for his funeral in Cambridge and the interment of his ashes in Westminster Abbey. Ferguson offers vivid first-hand descriptions of both these occasions and, in an amazing and revealing tribute, assesses Hawking's legacy in and out of science.

*Includes pictures *Includes Hawking's own quotes about his life and work *Includes footnotes, online resources and a bibliography for further reading *Includes a table of contents "My goal is simple. It is a complete understanding of the universe, why it is as it is and why it exists at all." - Stephen Hawking "I am just a child who has never grown up. I still keep asking these 'how' and 'why' questions. Occasionally, I find an answer." - Stephen Hawking In the pantheon of great theoretical physicists that includes the

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names of such historical luminaries as Isaac Newton and Albert Einstein, it is, perhaps, supremely ironic that the successor to the leading scientific minds of their generations has produced such "groundbreaking work in physics and cosmology," while at the same time battling one of the world's most insidious and relentless diseases. Dr. Stephen William Hawking, British mathematician, theoretical physicist, and cosmologist, is the face of twenty-first century physics, and yet cannot speak directly to his audience. For verbal communication, he relies on the use of an electronically activated vocal synthesizer. The scientist who has most notably carried the ideas of Einstein and his colleagues forward from the early-to-mid 20th century, whether in terms of explanation, rejection, or confirmation of any given question, is no longer able to move his limbs due to the incapacitating effects of ALS, Amyotrophic Lateral Sclerosis. The affliction is better known in the United States as "Lou Gehrig's Disease," named after the great American baseball player. Since 2009, in fact, Hawking can no longer operate his wheelchair. With a failing body but a world-leading mind that has remained active and keen through the years, Dr. Hawking continues to fight for any means of communication that he or his scientific environment can devise, presently placing much of his attention on systems with which to "translate his brain patterns into switch activations." This desperate struggle to stay connected comes at a time in which the amassing of Hawking's theories, developed over the past half-century, seems poised to discover and affirm new solutions to the mysteries of the universe. Occupying a unique place in

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the history of physics, Hawking, more than Newton or Einstein, lives in the perfect era from which to stand at the threshold of new possibilities for balancing and synchronizing the theories of General Relativity, put forth by his great predecessors, and the newer field of the quantum world, hinted at in the mid-twentieth century but only more recently brought forward by leading proponents. He has devoted the lion's share of his adult life to "probing the space-time described by general relativity and the singularities where it breaks down," and is, in advancing years, more driven than ever by the urge to uncover all he can about the nature of the larger universe. *Stephen Hawking: The Life of the World's Most Famous Scientist* examines the life and career of the English physicist. Along with pictures of important people, places, and events, you will learn about Stephen Hawking like never before, in no time at all.

Stephen Hawking is a world-famous physicist, but few people outside his field know what he has done. To the public he is a figure of tragic dimensions - a brilliant scientist and author of the phenomenal best-seller *A Brief History of Time*, and yet confined to a wheelchair, unable to speak or write. Hawking has mastered the two great theories of 20th-century physics - Einstein's General Theory of Relativity and Quantum Mechanics - and has made breathtaking discoveries about where they break down or overlap, such as on the edge of a Black Hole or at the Big Bang origin of the Universe. Here is the perfect introduction to Hawking's work by the author, who was helped by several long discussions with Hawking in researching the book.

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Stephen Hawking – Was the previous Lucasian Professor of Mathematics at Cambridge University & the writer of a best sellers “A Brief History of Time”. Learn about Stephen Hawking’s life & his discoveries studying the universe, plus how he inspired cosmology. Are you interested in the Universe and cosmology Are you a fan f Stephen Hawking? Are you entranced by Stephen Hawking and his theories? If so this Stephen Hawking Biography is perfect for you? It was the 8th of January 2012 when a man who found out at 21 that he possessed motor neurone disease, which in most occasions equals a number of years' degeneration then an inevitable death, enjoyed his 70th birthday. The scientist Stephen Hawking was born on January 8, 1942 in the city of Oxford, England. Even as a youngster, Stephen Hawking displayed amazement for science, mathematics and space. Whilst age 21 and studying cosmology at the university of Cambridge, Steven discovered that he suffered from Amyotrophic Lateral Sclerosis (ALS). During the two years after discovering this life changing announcement; Hawking rose from being a struggling student, to the world’s most outstanding famous scientist in existence. Stephen’s favourite fields were Theoretical physics, applied mathematics and Cosmology. Stephen is known for his theories on Black holes, Quantum gravity, cosmology and Hawking radiation. Stephen Hawking has produced four revised books by himself and at least three books for children his beloved daughter Lucy. He has had two wives, fathered three children and has three grand children. Stephen stated “His purpose is simple. It is to completely understand

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the universe, why it has developed into what it is and the purpose for the universes existence at all” – Stephen Hawking For a complete insight into Stephen Hawking’s life, you’ll probably wish to indulge in this superb biography. Stephen Hawking, Stephen Hawking Biography, Biographies & Memoirs, Science Maths, Cosmology, Space

In 1963 Stephen Hawking was given two years to live. Defying all the odds, he died in March 2018 at age seventy-six as the most celebrated scientist in the world. This carefully researched, and now newly updated, up-to-the-minute biography and tribute gives a rich picture of Hawking's remarkable life - his childhood, the heart-rending beginning of his struggle with motor neurone disease, his ever-increasing international fame, and his long personal battle for survival in pursuit of a scientific understanding of the universe. From more recent years, Kitty Ferguson describes his inspiring leadership at the London Paralympic Games, the release of the film *The Theory of Everything*, his continuing work on black holes and the origin of the universe, the discovery of 'supertranslations', and the astounding 'Starshot' program. Here also are his intense concern for the future of the Earth and his use of his celebrity to fight for environmental and humanitarian causes, and, finally, a ground-breaking paper he was working on at the time of his death, in which he took issue with some of his own earlier theories. Stephen Hawking was diagnosed with motor neurone disease at the age of 21 and was expected to live for only another two years. He went on to write books and deliver public lectures right up until his death at the age of 76 in 2018. Hawking achieved

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commercial success with several works of popular science in which he discusses his own theories and cosmology in general. His book *A Brief History of Time*, a layman's guide to cosmology, appeared on the *Sunday Times* best-seller list for a record-breaking 237 weeks and sold more than 10 million copies. As Martin Rees, the cosmologist, astronomer royal and Hawking's longtime colleague wrote, "His name will live in the annals of science; millions have had their cosmic horizons widened by his best-selling books; and even more, around the world, have been inspired by a unique example of achievement against all the odds — a manifestation of amazing willpower and determination." In this concise and informative guide to Hawking's life and work, his key scientific achievements – from gravitational singularities to quantum cosmology – are covered in an approachable and accessible way. This is a celebration of an icon of modern physics, who inspired generations of scientists and changed our understanding of the universe.

Stephen Hawking *A Life in Science* Penguin Books India

New in the Little People, BIG DREAMS series, discover the life of Stephen Hawking, the genius physicist and author. When Stephen Hawking was a little boy, he used to stare up at the stars and wonder about the universe. Although he was never top of the class, his curiosity took him to the best universities in England: Oxford and Cambridge. It also led him to make one of the biggest scientific discoveries of the 20th century: Hawking radiation. This moving book features stylish and quirky illustrations and extra

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facts at the back, including a biographical timeline with historical photos and a detailed profile of the brilliant physicist's life. Little People, BIG DREAMS is a best-selling series of books and educational games that explore the lives of outstanding people, from designers and artists to scientists and activists. All of them achieved incredible things, yet each began life as a child with a dream. This empowering series offers inspiring messages to children of all ages, in a range of formats. The board books are told in simple sentences, perfect for reading aloud to babies and toddlers. The hardcover versions present expanded stories for beginning readers. Boxed gift sets allow you to collect a selection of the books by theme. Paper dolls, learning cards, matching games, and other fun learning tools provide even more ways to make the lives of these role models accessible to children. Inspire the next generation of outstanding people who will change the world with Little People, BIG DREAMS!

#1 NEW YORK TIMES BESTSELLER A landmark volume in science writing by one of the great minds of our time, Stephen Hawking's book explores such profound questions as: How did the universe begin—and what made its start possible? Does time always flow forward? Is the universe unending—or are there boundaries? Are there other dimensions in space? What will happen when it all ends? Told in language we all can understand, *A Brief History of Time* plunges into the exotic realms of black holes and quarks, of antimatter and “arrows of time,” of the big bang and a bigger God—where the possibilities are wondrous and unexpected. With exciting images and profound imagination, Stephen Hawking brings us closer to the ultimate secrets at the very heart of creation.

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Includes excerpts from Simone Biles, Albert Einstein, and Neil Armstrong.

Originally published in 1992 to great acclaim, this updated edition traces the course of Hawking's life and science, successfully marrying biography and physics to tell the story of a remarkable man. Stephen Hawking is no ordinary scientist. With a career that began over thirty years ago at Cambridge University, he has managed to do more than perhaps any other scientist to broaden our basic understanding of the universe. His theoretical work on black holes and his progress in advancing our knowledge of the origin and nature of the cosmos have been groundbreaking—if not downright revolutionary. Stephen Hawking has also spent much of his adult life confined to a wheelchair, a victim of ALS, a degenerative motor neuron disease. Clearly his physical limitations have done nothing to confine him intellectually. He simply never allowed his illness to hinder his scientific development. In fact, many would argue that his liberation from the routine chores of life has allowed him to focus his efforts more keenly on his science. Hawking certainly would have been remarkable for his cutting edge work in theoretical physics alone. However, he has also managed to popularize science in a way unparalleled by other scientists of his stature. He became a household name, achieving almost cult-like fame, with the release of his best-selling book, *A Brief History of Time*. Although steeped in the potentially overwhelming complexities of cosmology, he succeeded in selling millions of copies to audiences eager to learn even some of what he has to offer. Science writers White and Gribbin have skillfully painted a portrait of an indefatigable genius and a scientific mind that seemingly knows no bounds. Knitting together clear explanations of Hawking's science with a detailed personal history that is both balanced as well as sensitive,

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we come to know—and appreciate—both. As Stephen Hawking's new book, *The Universe in a Nutshell*, hits the best-seller lists, it is the ideal time for readers to learn more about this remarkable man and his vast body of accomplishments.

Stephen Hawking In 1963, Stephen Hawking was diagnosed with motor neurone disease and given two years to live. More than half a century later, Hawking had made some of the most significant contributions to our understanding of the universe since Albert Einstein. The world's most famous physics professor, a best-selling author, and a father of three, Stephen lived his life to its fullest. Bridging the world of theoretical physics with the reach of pop culture, Stephen Hawking became an emblem of human determination and intellectual curiosity. Inside you will read about... ? Early Life and Terminal Illness ? Hawking Radiation and Black Holes ? The Hawking Family ? A Gambling Man ? Late Life and Death And much more!

Stephen Hawking, *A Life Story* is the perfect way for readers to take a deep dive into the life, mind and times of the world's best-known physicist, by journalist and award-winning children's author, Nikki Sheehan. This gripping new series throws the reader directly into the lives of modern society's most influential figures.

Despite his debilitating illness, Stephen Hawking found way to share his knowledge of the universe. He was a bright man who was always hungry for knowledge. He experimented, studied and explored anything and everything from the physical world to the cosmos. Be inspired by his story. Learn from his discoveries. Read this book today!

A Gripping Account Of A Physicist Whose Speculations Could Prove As Revolutionary As Those Of Albert Einstein... It Can Be Consulted As A Clear And Authoritative Guide Through Three Decades Of Hawking S Central Contributions To Cosmology. - Bernard Dixon In The

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New Statesman & Society Excellent... From The Opening Pages, Which Relate The Occasion When Shirley Maclaine Sought An Audience With Her Hero In A Cambridge Restaurant, To The Final Chapter On Hollywood, Fame And Fortune , The Book Is Well-Nigh Unputdownable... [It] Ought To Be Read Alongside A Brief History Of Time As A Kind Of Explanatory Supplement. - Heather Cooper In The Times Educational Supplement

Fascinating... What Makes This Book So Rewarding Is The Way That The Authors Have Blended Their Account Of Hawking S Science With That Of His Life, Giving A Picture Of A Remarkable Scientist As A Remarkable Person. - Tony Osman In The Spectator It S Compulsive Reading, Maybe Because Hawking Towers Above It All, A Complex And Fascinating Character Who Remains Strangely Elusive: Boyish Yet Indomitable, Stubborn Yet Charming, A Private Man Revelling In Fame. - Clare Francis In The Sunday Express [Their Book] Conveys How Scientific Research Is Not Just A Dry Intellectual Pursuit But An Adventure Full Of Joy, Despair And Humour, And Fraught With The Sort Of Inter-Personal Problems And Rivalries Which Mark All Human Endeavours. - Bernard Carr In The Independent On Sunday Few Scientists Become Legends In Their Own Lifetime. Stephen Hawking Is One. It Is Good To Have This Well-Documented And Immensely Readable Biography To Remind Us That The Media-Hyped Mute Genius In The Wheelchair Is In Fact A Sensitive, Humorous, Ambitious And Occasionally Wilful Human Being. - Paul Davies In The Times Higher Education Supplement

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.

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This Is The Story Of One Of The Most Remarkable Figures Of Our Time - Professor Stephen Hawking, The Cambridge Genius Who Has Earned An International Reputation As The Most Brilliant Theoretical Physicist Since Einstein. When Kitty Ferguson Approached Stephen Hawking With The Idea Of Writing A Book About Him And Asked Him To Help Her Make Certain She Understood His Theories, He Agreed To Do So And Also Supplied Her With Material About His Childhood And Life. This Book Is The Splendid Result. It Is Not A Biography Per Se. It Is Rather The Story Of One Man'S Quest To Find The 'Theory Of Everything'. In These Pages You Will Encounter A Multitude Of Amazing Paradoxes: Beginnings May Be Endings& Two Great Scientific Theories Taken Together Seem To Give Us Nonsense& Empty Space Isn'T Empty& Black Holes Aren'T Black& Cruel Circumstances Can Lead To Happiness, Although Fame And Success May Not& And A Man Whose Appearance Inspires Shock And Pity Takes Us Laughing To Where The Boundaries Of Space And Time Ought To Be - But Are Not.

The best-selling author of *A Brief History of Time* presents a new study of the cosmos that will blow peoples' minds, presented in clear, concise language this is easy to understand.

An updated edition of the definitive biography on Stephen Hawking that marries biography and science to tell the story of one of the most remarkable men in history Stephen Hawking is no ordinary scientist. He has broadened our basic understanding

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of the universe and his theoretical work on black holes and the origins of the cosmos have been groundbreaking, if not downright revolutionary. He has also spent much of his adult life confined to a wheelchair, a victim of ALS. But his physical limitations have done nothing to confine him intellectually. Hawking would already be remarkable for his cutting-edge work in theoretical physics alone. However, he has also managed to popularize science unlike anyone else. He achieved almost cult-like fame with his *A Brief History of Time* and has since become a household name by making the complexities of cosmology accessible to millions of people. In *Stephen Hawking*, science writers White and Gribbin have painted a compelling portrait of a scientific mind that seemingly knows no bounds. Weaving together clear explanations of Hawking's science with a detailed, balanced, and sensitive personal history, readers will come to know and appreciate both sides of this incredible man. Includes new updates in Hawking's biography and the recent discovery of the Higgs-Boson (or "God") particle. A shorter, more accessible edition of a now-classic survey of the origin and nature of the universe features new full-color illustrations and an expanded, easier to understand treatment of the volume's more important theoretical concepts.

#1 NEW YORK TIMES BESTSELLER When and how did the universe begin? Why are we here? What is the nature of reality? Is the apparent "grand design" of our universe evidence of a benevolent creator who set things in motion—or does science offer another explanation? In this startling and lavishly illustrated book, Stephen Hawking

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and Leonard Mlodinow present the most recent scientific thinking about these and other abiding mysteries of the universe, in nontechnical language marked by brilliance and simplicity. According to quantum theory, the cosmos does not have just a single existence or history. The authors explain that we ourselves are the product of quantum fluctuations in the early universe, and show how quantum theory predicts the “multiverse”—the idea that ours is just one of many universes that appeared spontaneously out of nothing, each with different laws of nature. They conclude with a riveting assessment of M-theory, an explanation of the laws governing our universe that is currently the only viable candidate for a “theory of everything”: the unified theory that Einstein was looking for, which, if confirmed, would represent the ultimate triumph of human reason.

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