



S. Thorne 2017  
A Brief History of Time: From the Big Bang to Black Holes  
Stephen Hawking  
The Universe in a Nutshell  
Stephen Hawking

In this brilliant sequel to the phenomenally successful A BRIEF HISTORY OF TIME Stephen Hawking unravels the amazing theoretical breakthroughs that have happened during the decade that followed the publication of that bestseller. In an erudite yet accessible style Hawkins guides us through the evolution of Einstein's relativity, the uncertainty principle, quantum mechanics, five string theories, M-theory and the mysterious p-branes that seem to pave the way for that grail of theoretical physics - the big TOE - the Theory of Everything. He conveys the excitement felt at present within the scientific community as he travels with us through an Alice in Wonderland universe of ten dimensions; which might be just one of the many alternative histories, where black holes evaporate, superstrings curl up on themselves and parallel universes contract to nothing. Beautifully illustrated throughout, with original artwork commissioned for this project, THE UNIVERSE IN A NUTSHELL is guaranteed to be the biggest science book of 2001.

Stephen Hawking has earned a reputation as the most brilliant theoretical physicist since Einstein. In this landmark volume, Professor Hawking shares his blazing intellect with nonscientists everywhere, guiding us expertly to confront the supreme questions of the nature of time and the universe. Was there a beginning of time? Will there be an end? Is the universe infinite or does it have boundaries? From Galileo and Newton to modern astrophysics, from the breathtakingly cast to the extraordinarily tiny, Professor Hawking leads us on an exhilarating journey to distant galaxies, black holes, alternate dimensions--as close as man has ever ventured to the mind of God. From the vantage point of the wheelchair from which he has spent more than twenty years trapped by Lou Gehrig's disease, Stephen Hawking has transformed our view of the universe. Cogently explained, passionately revealed, "A Brief History of Time is the story of the ultimate quest for knowledge: the ongoing search for the tantalizing secrets at the heart of time and space.

This book summary and analysis was created for individuals who want to extract the essential contents and are too busy to go through the full version. This book is not intended to replace the original book. Instead, we highly encourage you to buy the full version. In our quest to understanding the most profound questions about the universe, one of the greatest thinkers of our time, Stephen Hawking presents the question about how the universe began and what made it possible, the possibility of time flowing in reverse instead of forward, whether the universe is boundless, the possibility of multiple dimensions, and what happens when everything ends. Woven like a story for readers, A Brief History of Time presents the most complicated topics of quarks, black holes, antimatter, and "arrows of time," the possibilities in understanding the universe is at its peak. Through this book, Stephen Hawking draws us closer to understanding the universe in its entirety. Wait no more, take action and get this book now!

#1 NEW YORK TIMES BESTSELLING AUTHORS The science classic made more accessible • More concise • Illustrated FROM ONE OF THE MOST BRILLIANT MINDS OF OUR TIME COMES A BOOK THAT CLARIFIES HIS MOST IMPORTANT IDEAS Stephen Hawking's worldwide bestseller A Brief History of Time remains a landmark volume in scientific writing. But for years readers have asked for a more accessible formulation of its key concepts—the nature of space and time, the role of God in creation, and the history and future of the universe. A Briefer History of Time is Professor Hawking's response. Although "briefer," this book is much more than a mere explanation of Hawking's earlier work. A Briefer History of Time both clarifies and expands on the great subjects of the original, and records the latest developments in the field—from string theory to the search for a unified theory of all the forces of physics. Thirty-seven full-color illustrations enhance the text and make A Briefer History of Time an exhilarating and must-have addition in its own right to the great literature of science and ideas.

Contains personal interviews of nine people who know Professor Hawking describing him, his life, and work, finally Professor Hawking talks about himself.

Collector's Edition with Audiobook read by the Author Stephen Hawking is widely believed to be one of the world's greatest minds: a brilliant theoretical physicist whose work helped to reconfigure models of the universe and to redefine what's in it. Imagine sitting in a room listening to Hawking discuss these achievements and place them in historical context. It would be like hearing Christopher Columbus on the New World. Hawking presents a series of seven lectures covering everything from big bang to black holes to string theory that capture not only the brilliance of Hawking's mind but his characteristic wit as well. Of his research on black holes, which absorbed him for more than a decade, he says, It might seem a bit like looking for a black cat in a coal cellar. Hawking begins with a history of ideas about the universe, from Aristotle's determination that the Earth is round to Hubble's discovery, over 2000 years later, that the universe is expanding. Using that as a launching pad, he explores the reaches of modern physics, including theories on the origin of the universe (e.g., the big bang), the nature of black holes, and space-time.

A Brief History of Time by Stephen Hawking | Key Takeaways, Analysis & Review Preview: Stephen Hawking's A Brief History of Time is about the universe, both the grand-scale universe of stars and planets, general relativity, and the tiny universe of atoms and subatomic particles, quantum mechanics. The reason the book covers both dimensions is that understanding both is the only way to understand the way the universe works as a whole. Some theories explain the workings of the grand scale of the universe and others the workings of the minute scale, but they tend to contradict one another. And, currently, there is no theory that explains both... PLEASE NOTE: This is key takeaways and analysis of the book and NOT the original book. Inside this Instaread of A Brief History of Time: Overview of the book | Important People | Key Takeaways | Analysis of Key Takeaways

Stephen Hawking – Was the previous Lucasian Professor of Mathematics at Cambridge University & the writer of a best seller's "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 of 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



voyage through space-time. Full-color illustrations.

This 1973 book discusses Einstein's General Theory of Relativity and its predictions concerning black holes and singularities in space-time itself.

An anniversary edition of a now-classic survey of the origin and nature of the universe features a new introduction by the author and a new chapter on the possibility of time travel and "wormholes" in space

It can be hard for busy professionals to find the time to read the latest books. Stay up to date in a fraction of the time with this concise guide. As its name suggests, A Brief History of Time sets out the history of our understanding of time and the universe around us. In this bestselling and highly influential book, Stephen Hawking seeks to explain how the universe works and find out where we came from and where we are going, in an accessible style that can be understood even by readers with no prior knowledge of the subject. This clarity and accessibility made A Brief History of Time a publishing phenomenon: it spent over two years on the New York Times bestseller list and has been translated into over 30 languages, making it one of the most influential popular science books ever written. Stephen Hawking was one of the most respected scientists of the 20th century, and is remembered in particular for his work on general relativity and black holes. This book review and analysis is perfect for: • Students of physics at all levels • Anyone who wants to gain a better understanding of how the universe works • Anyone who wants to learn about the history of physics and cosmology About 50MINUTES.COM | BOOK REVIEW The Book Review series from the 50Minutes collection is aimed at anyone who is looking to learn from experts in their field without spending hours reading endless pages of information. Our reviews present a concise summary of the main points of each book, as well as providing context, different perspectives and concrete examples to illustrate the key concepts.

THE NO.1 SUNDAY TIMES BESTSELLER 'A beautiful little book by a brilliant mind' DAILY TELEGRAPH 'Effortlessly instructive, absorbing, up to the minute and - where it matters - witty' GUARDIAN The world-famous cosmologist and #1 bestselling author of A Brief History of Time leaves us with his final thoughts on the universe's biggest questions in this brilliant posthumous work. Is there a God? How did it all begin? Can we predict the future? What is inside a black hole? Is there other intelligent life in the universe? Will artificial intelligence outsmart us? How do we shape the future? Will we survive on Earth? Should we colonise space? Is time travel possible? Throughout his extraordinary career, Stephen Hawking expanded our understanding of the universe and unravelled some of its greatest mysteries. But even as his theoretical work on black holes, imaginary time and multiple histories took his mind to the furthest reaches of space, Hawking always believed that science could also be used to fix the problems on our planet. And now, as we face potentially catastrophic changes here on Earth - from climate change to dwindling natural resources to the threat of artificial super-intelligence - Stephen Hawking turns his attention to the most urgent issues for humankind. Wide-ranging, intellectually stimulating, passionately argued, and infused with his characteristic humour, Brief Answers to the Big Questions, the final book from one of the greatest minds in history, is a personal view on the challenges we face as a human race, and where we, as a planet, are heading next. A percentage of all royalties will go to charity.

[Copyright: 027734d5d3b36b09f439727838bd4c9c](https://www.50minutes.com/book-reviews/a-brief-history-of-time)