

Big History From The Big Bang To The Present Review

This book presents the history of globalization as a network-based story in the context of Big History. Departing from the traditional historic discourse, in which communities, cities, and states serve as the main units of analysis, the authors instead trace the historical emergence, growth, interconnection, and merging of various types of networks that have gradually encompassed the globe. They also focus on the development of certain ideas, processes, institutions, and phenomena that spread through those networks to become truly global. The book specifies five macro-periods in the history of globalization and comprehensively covers the first four, from roughly the 9th – 7th millennia BC to World War I. For each period, it identifies the most important network-related developments that facilitated (or even spurred on) such transitions and had the greatest impacts on the history of globalization. By analyzing the world system's transition to new levels of complexity and connectivity, the book provides valuable insights into the course of Big History and the evolution of human societies.

Unfold the history of the universe--from the big bang to the present day! Created in association with the American Museum of Natural History.

A captivating history of the universe -- from before the dawn of time through the far reaches of the distant future. Most historians study the smallest slivers of time, emphasizing specific dates, individuals, and documents. But what would it look like to study the whole of history, from the big bang through the present day -- and even into the remote future? How would looking at the full span of time change the way we perceive the universe, the earth, and our very existence?

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These were the questions David Christian set out to answer when he created the field of "Big History," the most exciting new approach to understanding where we have been, where we are, and where we are going. In *Origin Story*, Christian takes readers on a wild ride through the entire 13.8 billion years we've come to know as "history." By focusing on defining events (thresholds), major trends, and profound questions about our origins, Christian exposes the hidden threads that tie everything together -- from the creation of the planet to the advent of agriculture, nuclear war, and beyond. With stunning insights into the origin of the universe, the beginning of life, the emergence of humans, and what the future might bring, *Origin Story* boldly reframes our place in the cosmos.

From the Big Bang to the future of our planet, *The Little Book of Big History* divides history into manageable but comprehensive time frames, encompassing the cosmos, the stars, life and everything in between. Big History is the attempt to understand and condense the entire story of the cosmos, from the Big Bang to the current day. Combining methods from history, astronomy, physics and biology to draw together the big story arcs of how the universe was created, why planets formed and how life developed, this creates a unique perspective from which to understand the place of mankind in the universe. Excited by the alternative 'framework for all knowledge' that is offered by this approach, Bill Gates is funding the Big History Project, which aims to bring the subject to a wider audience around the world. *The Little Book of Big History* breaks down the main themes of Big History into highly informative and accessible parts for all readers to enjoy. By giving a truly complete timeline of world events, this book shines a whole different light on history as we learned it and makes us think of our history - and our future - in a very different way.

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It's the revolutionary world history study guide just for middle school students from the brains behind Brain Quest.

Everything You Need to Ace World History . . . kicks off with the Paleolithic Era and transports the reader to ancient civilizations—from Africa and beyond; the middle ages across the world; the Renaissance; the age of exploration and colonialism, revolutions, and the modern world and the wars and movements that shaped it. The BIG FAT NOTEBOOK™ series is built on a simple and irresistible conceit—borrowing the notes from the smartest kid in class. There are five books in all, and each is the only one book you need for each main subject taught in middle school: Math, Science, American History, English, and World History. Inside the reader will find every subject's key concepts, easily digested and summarized: Critical ideas highlighted in marker colors.

Definitions explained. Doodles that illuminate tricky concepts. Mnemonics for a memorable shortcut. And quizzes to recap it all. The BIG FAT NOTEBOOKS meet Common Core State Standards, Next Generation Science Standards, and state history standards, and are vetted by National and State Teacher of the Year Award-winning teachers. They make learning fun, and are the perfect next step for every kid who grew up on Brain Quest.

A study on human patterns, interactions, and conflict from the earliest periods in history considers such topics as the evolution of religion, the western world's dominance in the world market, and the creation of ancient agriculture. 20,000 first printing.

Presents a new perspective for looking at history from the origins of the universe to present day.

A guide for doing good and doing well in a fast-changing world--Applied Big History show how economics and finance can be better understood through the lens of "Big History"--the scientific narrative of the 13.8-billion-year

Online Library Big History From The Big Bang To The Present Review

journey of our universe, the 4.5-billion-year evolution of our planet, the million-year rise of our species, and the 10,000-year accelerating drama of human civilization. Understanding this epic of evolution from multiple perspectives gives investors--and also other living things--an edge in a fast changing world.

It is the modern human scientific and historical creation story.

Extend the human story backward for the five thousand years of recorded history and it covers no more than a millionth of a lifetime of the Earth. Yet how do we humans take stock of the history of our planet, and our own place within it? A “vast historical mosaic” (Publishers Weekly) rendered engaging and accessible, Big History interweaves different disciplines of knowledge to offer an all-encompassing account of history on Earth. Since its publication, Cynthia Brown’s “world history on a grand scale” (Kirkus) has been translated into nine languages and has helped propel the “big history” concept to viral status. This new edition of Brown’s seminal work is more relevant today than ever before, as we increasingly must grapple with accelerating rates of change and, ultimately, the legacy we will bequeath to future generations. Here is a pathbreaking portrait of our world, from the birth of the universe from a single point the size of an atom to life on a twenty-first-century planet inhabited by 7 billion people. A New York Times-bestselling author explains how the physical world shaped the history of our species. When we talk about human history, we often focus on great leaders, population forces, and decisive wars. But how

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has the earth itself determined our destiny? Our planet wobbles, driving changes in climate that forced the transition from nomadism to farming. Mountainous terrain led to the development of democracy in Greece. Atmospheric circulation patterns later on shaped the progression of global exploration, colonization, and trade. Even today, voting behavior in the south-east United States ultimately follows the underlying pattern of 75 million-year-old sediments from an ancient sea. Everywhere is the deep imprint of the planetary on the human. From the cultivation of the first crops to the founding of modern states, *Origins* reveals the breathtaking impact of the earth beneath our feet on the shape of our human civilizations.

Our Yearbook 'History and Mathematics' has already celebrated its 10th anniversary and has confidently entered its second decade. The common feature of all our Yearbooks, including the present volume, is the usage of formal methods and social studies methods in their synthesis to analyze different historical phenomena. The present Yearbook (which is the seventh in the series) is subtitled 'Big History Aspects'. This issue is devoted to the problems of evolutionary development of the world. In no way will it be a digression from the direction which we have initially defined for our Yearbook, but just an extension of the scope of the research. The matter is that there are two kinds of history: the history of nature (or more exactly the Universe and the Earth) and the history of humans and mankind. It is not surprising that the idea of historicism penetrated almost every scientific field. At the same time

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the search for common foundations of this endless in its diversity world has intensified. One of the directions of this interdisciplinary search for the unity of the world in its diversity is Universal Evolutionism (Big History).

Mathematical and formal methods help to understand much deeply both natural and human history. This issue of the Yearbook consists of four main sections: (I) Patterns of Big History; (II) Hypotheses of Deep Big History; (III) Biological Aspects; (IV) History and Future of Social Systems. We hope that this issue will be interesting and useful both for historians and mathematicians, as well as for all those dealing with various social and natural sciences.

Exploring more than 60 of the most important events in world history, this ebook is the perfect introduction to the past, and ideal for summer reads. From the birth of Athenian democracy to the rise and fall of Rome and from the American Revolution to the landing beaches of World War II, The Little Book of History brings the past to life. Includes infographics and flowcharts that explain complex concepts in a simple but exciting way, this ebook examines the events that shaped our past.

Charting the human era from the beginnings of civilization to the modern culture of today this ebook makes the perfect introduction to the human story. One of a series of new, compact sister titles to DK's "Big Ideas" series, The Little Book of History offers you the same combination of clear text and hard-working infographics perfect for vacation reading.

This book collates papers presented at two international conferences (held at the Australian National University in

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2018 and Birkbeck College London in 2019) exploring the relationships between big history and astrobiology and their wider implications for society. These two relatively new academic disciplines aim to integrate human history with the wider history of the universe and the search for life elsewhere. The book will show that, despite differences in emphasis, big history and astrobiology share much in common, especially their interdisciplinary approaches and the cosmic and evolutionary perspectives that they both engender. Specifically, the book addresses the unified, all-embracing, nature of knowledge, the impact of big history on humanity and the world at large, the possible impact of SETI on astrobiology and big history, the cultural signature of Earth's inhabitants beyond the atmosphere, and the political implications of a planetary worldview. The principal readership is envisaged to comprise scholars working in the fields of astrobiology, big history and space exploration interested in forging interdisciplinary links between these diverse topics, together with educators, and a wider public, interested in the societal implications of the cosmic and evolutionary perspectives engendered by research in these fields. Travel thousands of years into our past and discover the significant events that shaped the world as we know it. This book includes short, descriptive explanations of key ideas, themes, and events of world history that are easy to understand. Explore topics such as the founding of Baghdad, the colonization of the Americas, and the inception of Buddhism without complicated jargon. This book is part of DK's award-winning Big Ideas Simply

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Explained educational series that uses witty graphics and engaging descriptions to enlighten readers. Don't stop at American history, explore the world! This book is full of fun facts from the human story, going as far back as the origins of our species to space exploration today. Discover all things revolution, from the French to the digital, including the rise of the internet. Enjoy short and sweet biographies of some of the most important thinkers and leaders throughout history, like Martin Luther, Charles Darwin, and Nelson Mandela. You'll learn who said famous historical quotes, and what they really meant when they said it. Big Ideas This is a modern twist on the good old-fashioned encyclopedia, now easier to follow with diagrams, mind maps, and timelines. Step-by-step diagrams will have you reviewing your ideas about history. Start from the very beginning: - Human Origins 200,000 years ago - 3500 BGE - Ancient Civilizations 6000 BGE - 500 CE - The Medieval World 500 - 1492 - Early Modern Era 1420 - 1795 - Changing Societies 1776 - 1914 - The Modern World 1914 - Present The Series Simply Explained With over 7 million copies sold worldwide to date, The History Book is part of the award-winning Big Ideas Simply Explained series from DK Books. It uses innovative graphics along with engaging writing to make complex subjects easier to understand.

"Big history becomes engaging and personal in Big History, Small World by Cynthia Stokes Brown, the first guide in English to a new approach to history that has been specifically designed for high school students. It's also ideal for the general reader who shares Bill Gates's

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fascination with this new blend of history and science, and fits neatly with the free curriculum available at the Big History Project, cofounded by Professor David Christian and Bill Gates, the founder of Microsoft. Big History, Small World is organized into twelve chapters. In the first chapter, Brown discusses the scientific method. In the last chapter she discusses the different ways people interpret big history and find meaning in it. The other ten chapters are based on eight major turning points, or thresholds, in the cosmic story. One threshold, the emergence of life, gets two chapters, while a discussion of the future fills chapter eleven. This book is not formatted as a traditional textbook, although it can easily be used as one. Each chapter has questions on the frontier of knowledge, as well as suggestions of how the content applies directly to the reader, to answer the perennial question: "Why do I have to learn this?" There are illustrations, charts, diagrams, a glossary and timeline, and short biographies of scientists and historians who have been influential in developing big history."--Provided by publisher.

big history and the future of humanity "This remains the best single attempt to theorize big history as a discipline that can link core concepts and paradigms across all historical disciplines, from cosmology to geology, from biology to human history. With additional and updated material, the Second Edition also offers a fine introduction to the history of big history and a superb introductory survey to the big history story. Essential reading for anyone interested

Online Library Big History From The Big Bang To The Present Review

in a rapidly evolving new field of scholarship that links the sciences and the humanities into a modern, science-based origin story.” David Christian, Macquarie University “Notable for its theoretic approach, this new Second Edition is both an indispensable contribution to the emerging big history narrative and a powerful university textbook. Spier defines words carefully and recognizes the limits of current knowledge, aspects of his own clear thinking.” Cynthia Brown, Emerita, Dominican University of California Reflecting the latest theories in the sciences and humanities, this new edition of Big History and the Future of Humanity presents an accessible and original overview of the entire sweep of history from the origins of the universe and life on Earth up to the present day. Placing the relatively brief period of human history within a much broader framework – one that considers everything from vast galaxy clusters to the tiniest sub-atomic particles – big history is an innovative theoretical approach that opens up entirely new multidisciplinary research agendas. Noted historian Fred Spier reveals how a thorough examination of patterns of complexity can offer richer insights into what the future may have in store for humanity. The second edition includes new learning features, such as highlighted scientific concepts, an illustrative timeline and comprehensive glossary. By exploring the cumulative history from the Big Bang to the modern day, Big History and the

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Future of Humanity, Second Edition, sheds important historical light on where we have been – and offers a tantalizing glimpse of what lies ahead.

This volume, BERKSHIRE ESSENTIALS Big History, places the history of humanity and the Earth in the largest of contexts, that of the universe. Big historys interdisciplinary approach draws on archaeology, paleoanthropology, astronomy, and biology to raise questions about the future of our species and its relationship to the biosphere. The articles included, a number of them by big-history specialist David Christian, convey big historys span and scope from cosmology, creation myths, and the Gaia theory (in which Earths living and nonliving components exist in harmony), to ices ages, extinctions, and migrations, and to why many geologists today believe the world entered a new geological epoch (the Anthropocene) at the beginning of the Industrial Revolution, when human activity unwittingly became the single most important force for change in the biosphere.

Brings to life fifteen thousand years of human history in a study that follows an imaginary modern traveler who visits and observes prehistoric communities and landscapes that laid the foundations of the modern world.

The Routledge Companion to Big History guides readers through the variety of themes and concepts that structure contemporary scholarship in the field

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of big history. The volume is divided into five parts, each representing current and evolving areas of interest to the community, including big history's relationship to science, social science, the humanities, and the future, as well as teaching big history and 'little big histories'. Considering an ever-expanding range of theoretical, pedagogical and research topics, the book addresses such questions as what is the relationship between big history and scientific research, how are big historians working with philosophers and religious thinkers to help construct 'meaning', how are leading theoreticians making sense of big history and its relationship to other creation narratives and paradigms, what is 'little big history', and how does big history impact on thinking about the future? The book highlights the place of big history in historiographical traditions and the ways in which it can be used in education and public discourse across disciplines and at all levels. A timely collection with contributions from leading proponents in the field, it is the ideal guide for those wanting to engage with the theories and concepts behind big history.

Take a trip through the history of the world, planet and universe! Totally unique, this amazing timeline stickerbook has 114 stickers that help bring the giant story to life. Beautifully-illustrated and hugely engaging, the 5.5-foot long timeline features captioned white silhouettes on which to place your

Online Library Big History From The Big Bang To The Present Review

stickers and build the big picture of the moments, people and events that have shaped the story of mankind. Described by the Telegraph as being "truly impressive", the stickerbook of Big History gives any child (or adult!) the framework and structure they need to make sense of how humankind has progressed. It also makes a wonderful wall display!

BIG BOOK OF HISTORY Learning Just Became BIG FUN! Families, schools, and churches can unfold 15 feet of the most interesting history of the world. This easy to follow, color-coded, multi-stream timeline teaches six thousand years of world history to children ages seven through thirteen. These exciting facts and so much more wait inside: who were the first emperors of China and Rome what discovery unlocked the secrets of a forgotten language how modern robotics had its roots in the tea dolls of Japan where Christians faced death for the entertainment of thousands why the languages of Greek and Hebrew were used to write the Bible and how the Age of Discovery meant wealth some, and the destruction of civilization for others. Understanding how the past has shaped our future will inspire young learners to make history for themselves!

Big History: Between Nothing and Everything surveys the past not just of humanity, or even of planet Earth, but of the entire universe. In reading this book instructors and students will retrace a

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voyage that began 13.7 billion years ago with the Big Bang and the appearance of the universe. Big history incorporates findings from cosmology, earth and life sciences, and human history, and assembles them into a single, universal historical narrative of our universe and of our place within it. The first edition of *Big History: Between Nothing and Everything*, is written by the pioneers of the field, and presents a framework for learning about anything and everything. It encourages students to think critically about our cumulative history and the future of the world through a variety of lenses.

The definitive work on Stalin's purges, the author's *The Great Terror* was universally acclaimed when it first appeared in 1968. It was "hailed as the only scrupulous, nonpartisan, and adequate book on the subject". And in recent years it has received equally high praise in the Soviet Union, where it is now considered the authority on the period, and has been serialized in *Neva*, one of their leading periodicals. Of course, when the author wrote the original volume two decades ago, he relied heavily on unofficial sources. Now, with the advent of glasnost, an avalanche of new material is available, and he has mined this enormous cache to write a substantially new edition of his classic work. It is remarkable how many of the most disturbing conclusions have born up under the light of fresh evidence. But the author has added enormously to the detail, including

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hitherto secret information on the three great "Moscow Trials," on the fate of the executed generals, on the methods of obtaining confessions, on the purge of writers and other members of the intelligentsia, on life in the labor camps, and many other key matters. Both a leading Sovietologist and a highly respected poet, the author blends research with prose, providing not only an authoritative account of Stalin's purges, but also a compelling chronicle of one of this century's most tragic events. A timely revision of a book long out of print, this is the updated version of the author's original work. This urgent and eye-opening book makes the case that protecting humanity's future is the central challenge of our time. If all goes well, human history is just beginning. Our species could survive for billions of years - enough time to end disease, poverty, and injustice, and to flourish in ways unimaginable today. But this vast future is at risk. With the advent of nuclear weapons, humanity entered a new age, where we face existential catastrophes - those from which we could never come back. Since then, these dangers have only multiplied, from climate change to engineered pathogens and artificial intelligence. If we do not act fast to reach a place of safety, it will soon be too late. Drawing on over a decade of research, *The Precipice* explores the cutting-edge science behind the risks we face. It puts them in the context of the

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greater story of humanity: showing how ending these risks is among the most pressing moral issues of our time. And it points the way forward, to the actions and strategies that can safeguard humanity. An Oxford philosopher committed to putting ideas into action, Toby Ord has advised the US National Intelligence Council, the UK Prime Minister's Office, and the World Bank on the biggest questions facing humanity. In *The Precipice*, he offers a startling reassessment of human history, the future we are failing to protect, and the steps we must take to ensure that our generation is not the last. "A book that seems made for the present moment." —New Yorker

Don't panic! Big History is a field that covers 13.8 billion years from the Big Bang, the formation of the Earth, the long evolutionary history of life, to the long thrust of human history. This book is an easy and sometimes humorous read that boils down the vastness of existence into relatable terms for readers of any background, being worthwhile for science-lovers and the science-phobic alike. The final chapters are devoted to the 21st Century Crisis and the potential for increasing complexity for trillions of years up until the projected end of the Universe, shedding light on what will happen next in the Near and Deep Future, right up to the final fate of the Universe. Used as the primary reader for Big History at Macquarie University, it is essential reading for

Online Library Big History From The Big Bang To The Present Review

any student who aspires to view all academic disciplines and all timelines as a unified whole. The author, David Baker, is a lecturer and researcher in the fields of Big History and Cliodynamics, writer of the Youtube series Crash Course: Big History, and contributor to several courses and curricula including "Big History Project" and "Big History School".

"A thrilling synthesis from a brilliant scientist who discovered one of the most important chapters in our history." —Sean B. Carroll Big History, the field that integrates traditional historical scholarship with scientific insights to study the full sweep of our universe, has so far been the domain of historians. Famed geologist Walter Alvarez—best known for the "Impact Theory" explaining dinosaur extinction—has instead championed a science-first approach to Big History. Here he wields his unique expertise to give us a new appreciation for the incredible occurrences—from the Big Bang to the formation of supercontinents, the dawn of the Bronze Age, and beyond—that have led to our improbable place in the universe.

This New York Times bestseller "elegantly weaves evidence and insights . . . into a single, accessible historical narrative" (Bill Gates) and presents a captivating history of the universe -- from the Big Bang to dinosaurs to mass globalization and beyond. Most historians study the smallest slivers of time, emphasizing specific dates, individuals, and

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documents. But what would it look like to study the whole of history, from the big bang through the present day -- and even into the remote future? How would looking at the full span of time change the way we perceive the universe, the earth, and our very existence? These were the questions David Christian set out to answer when he created the field of "Big History," the most exciting new approach to understanding where we have been, where we are, and where we are going. In *Origin Story*, Christian takes readers on a wild ride through the entire 13.8 billion years we've come to know as "history." By focusing on defining events (thresholds), major trends, and profound questions about our origins, Christian exposes the hidden threads that tie everything together -- from the creation of the planet to the advent of agriculture, nuclear war, and beyond. With stunning insights into the origin of the universe, the beginning of life, the emergence of humans, and what the future might bring, *Origin Story* boldly reframes our place in the cosmos.

Big History Fifth Edition McGraw-Hill Higher Education

This a companion reader for the website World History for Us All, a site with free online lesson plans. <http://worldhistoryforusall.sdsu.edu> This reader is edited for language accessible to grades 6–9 and contains Big Eras One–Seven.

“Full of schadenfreude and speculation—and solid,

Online Library Big History From The Big Bang To The Present Review

timely history too.” —Kirkus Reviews “This is a portrait of capitalism as white-knuckle risk taking, yielding fruitful discoveries for the fathers, but only sterile speculation for the sons—a story that resonates with today's economic upheaval.”

—Publishers Weekly “What's not to enjoy about a book full of monstrous egos, unimaginable sums of money, and the punishment of greed and shortsightedness?” —The Economist Phenomenal reviews and sales greeted the hardcover publication of *The Big Rich*, New York Times bestselling author Bryan Burrough's spellbinding chronicle of Texas oil. Weaving together the multigenerational sagas of the industry's four wealthiest families, Burrough brings to life the men known in their day as the Big Four: Roy Cullen, H. L. Hunt, Clint Murchison, and Sid Richardson, all swaggering Texas oil tycoons who owned sprawling ranches and mingled with presidents and Hollywood stars. Seamlessly charting their collective rise and fall, *The Big Rich* is a hugely entertaining account that only a writer with Burrough's abilities-and Texas upbringing-could have written.

This Fleeting World is the smallest book of big history, telling the story of the universe and history of humanity in less than one hundred pages. Prize-winning historian David Christian covers it all in this compact, accessible, and inspiring guide to the history of everything, from stars and empires to

Online Library Big History From The Big Bang To The Present Review

cities, the World Wide Web, capitalism, and globalization. David Christian's approach to human history and big history is a call to action, based on a profound and fresh understanding of our place in the universe. This book is essential reading for our time. David Christian asks big questions. Will contemporary challenges will lead to the emergence of a new global system capable of ecological, economic, and political stability? Or is the accelerating pace of change a prelude to a sudden, sharp collapse that will drive many parts of the world back to the productivity levels of the early agrarian era? He presents our origin story and the history of women and men across the entire world, within the framework of the universe explaining, for example, that the chemicals we are made of come from supernovae. He tells the human story as a story of changes: changes in the ways we produce and distribute food, move from place to place, organize ourselves into communities, explore and populate our environment, and both create and respond to crises. He gives us maps of time, history on different temporal-spatial scales, and even offers paths to locate evidence that might challenge his big story. Big history leads to strategies for building a more sustainable world, and Berkshire Publishing is proud to offer this new edition of a big history for our common future. The 2018 edition has been expanded and updated for the general reader; there

Online Library Big History From The Big Bang To The Present Review

is also an earlier edition designed for use with AP World History and other courses, which included a teachers' guide.

Presents both hard facts and military, social, and political histories of the world's one hundred most violent events, from the second Persian War in 480 BCE to the modern war in the Congo.

Big History is a new field on a grand scale: it tells the story of the universe over time through a diverse range of disciplines that spans cosmology, physics, chemistry, astronomy, geology, evolutionary biology, anthropology, and archaeology, thereby reconciling traditional human history with environmental geography and natural history. Weaving the myriad threads of evidence-based human knowledge into a master narrative that stretches from the beginning of the universe to the present, the Big History framework helps students make sense of their studies in all disciplines by illuminating the structures that underlie the universe and the connections among them. Teaching Big History is a powerful analytic and pedagogical resource, and serves as a comprehensive guide for teaching Big History, as well for sharing ideas about the subject and planning a curriculum around it. Readers are also given helpful advice about the administrative and organizational challenges of instituting a general education program constructed around Big History. The book includes teaching materials, examples,

Online Library Big History From The Big Bang To The Present Review

and detailed sample exercises. This book is also an engaging first-hand account of how a group of professors built an entire Big History general education curriculum for first-year students, demonstrating how this thoughtful integration of disciplines exemplifies liberal education at its best and illustrating how teaching and learning this incredible story can be transformative for professors and students alike.

According to the working definition of the International Big History Association, 'Big History seeks to understand the integrated history of the Cosmos, Earth, Life and Humanity, using the best available empirical evidence and scholarly methods.' In recent years Big History has been developing very fast indeed. Big History courses are taught in the schools and universities of several dozen countries. Hundreds of researchers are involved in studying and teaching Big History. The unique approach of Big History, the interdisciplinary genre of history that deals with the grand narrative of 13.8 billion years, has opened up a vast amount of research agendas. Big History brings together constantly updated information from the scientific disciplines and merges it with the contemplative realms of philosophy and the humanities. It also provides a connection between the past, present, and future. Big History is a colossal and extremely heterogeneous field of research encompassing all

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the forms of existence and all timescales.

Unsurprisingly, Big History may be presented in very different aspects and facets. In this volume the Big History is presented and discussed in three different ways. In its first part, Big History is explored in terms of methodology, theories of knowledge, as well as showcasing the personal approach of scholars to Big History. The second section comprises such articles that could clarify Big History's main trends and laws. The third part of this book explores the nature of teaching Big History as well as profiling a number of educational methods. This volume will be useful both for those who study interdisciplinary macroproblems and for specialists working in focused directions, as well as for those who are interested in evolutionary issues of Astrophysics, Geology, Biology, History, Anthropology, Linguistics and other areas of study. More than that, this edition will challenge and excite your vision of your own life and the exciting new discoveries going on around us!

From the formation of the Universe to today, countless major events have changed the course of life on Earth. Aligned with the online Big History Project supported by Bill Gates, Big History puts a wide-angle lens on 13.8 billion years of remarkable history and shows you how and why we got where we are today. With stunning visual timelines and special CGI reconstructions, you can see history's greatest events. Look back to our origins in the stars,

Online Library Big History From The Big Bang To The Present Review

explore everything from the birth of the Sun to modern technology, and see what the future holds for humans. Weaving together multiple disciplines including physics and sociology, and with a foreword by TED speaker Professor David Christian, Big History is a truly unique look at the history of the world.

"[A] joyously peculiar book." -- The New York Times 'Bjarnason's intriguing book might be about a cold place, but it's tailor-made to be read on the beach.'

—New Statesman The untold story of how one tiny island in the middle of the Atlantic has shaped the world for centuries. The history of Iceland began 1,200 years ago, when a frustrated Viking captain and his useless navigator ran aground in the middle of the North Atlantic. Suddenly, the island was no longer just a layover for the Arctic tern. Instead, it became a nation whose diplomats and musicians, sailors and soldiers, volcanoes and flowers, quietly altered the globe forever. How Iceland Changed the World takes readers on a tour of history, showing them how Iceland played a pivotal role in events as diverse as the French Revolution, the Moon Landing, and the foundation of Israel. Again and again, one humble nation has found itself at the frontline of historic events, shaping the world as we know it, How Iceland Changed the World paints a lively picture of just how it all happened.

Is there a "science of history"? Must historians be

Online Library Big History From The Big Bang To The Present Review

scientists? What is "history" anyway? Celebrated researchers and historians--including Pulitzer-Prize winner John Lewis Gaddis and Nobel laureate Murray Gell-Mann--debate these complex questions in this thoughtful collection of essays.

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