

# Big History And The Future Of Humanity

Humanity hangs on after the fall of civilization in this “wily, funny, rip-roaring, and profoundly provocative page-turner” (Booklist, starred review). After the collapse of the old world—the pandemics, the environmental disasters, the end of oil, the ensuing chaos—people are pursuing a simpler and sometimes happier existence. In Union Grove, New York, the townspeople are preparing for Christmas . . . the perfect time for a long-lost member of the community to return. Robert Earle’s son, Daniel, has come home after two years exploring what is left of the United States. He brings news of three new nations arisen from what was once America—and the dangers and possibilities they may hold. Meanwhile, a horrific murder threatens to turn the community of Union Grove against itself—and what is supposed to be a time of peace and togetherness is overtaken by suspicion and fear. In this vividly depicted look at a world that may be on our own horizon, “Kunstler skewers everything from kitsch to greed, prejudice, bloodshed, and brainwashing” in a gripping story of hope, hate, and humanity’s last chance at survival (Booklist).

This provocative book challenges the status quo in history education by proposing that isolated facts from the past be replaced by knowledge relevant to the future. Not a classroom teaching guide, this book

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**examines the fundamental premises and practices that underlie the work of every history teacher from grade school through graduate school.**

**What if, instead of trying to predict the future, we could just pick the one we want - and then invent it? Well, we can. Think of the wealth of technological resources already available to us. The computing power in that smartphone in your pocket could have guided 120 million Apollo-era spacecrafts to the moon and back. A gigabyte of memory cost \$300,000 in the 1980s - today, it costs a fraction of a penny. Now, try to imagine 2050, when your computing devices will be a million times more powerful or available at one-millionth of today's prices. In this deeply researched and compelling book, the authors do the imagining for you, describing seven so-incredible-as-to-be-almost-magical capabilities that will be available by 2050 in computing, communication, information, genomics, energy, water, and transportation. You may finally get that flying car, have ample water even in a desert, and be treated for disease through microscopic robots in your bloodstream. Drawing on their decades of experience helping major organizations formulate strategies for innovation, the authors demonstrate how to use combinations of those seven capabilities to imagine "perfect" futures, whether that means reversing climate change, resolving today's disinformation crisis, or living 20 years longer. This book paints visions of how the world could - and should - look as we pass the planet on to future**

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**generations. We can use those visions to start inventing a perfect future - today.**

**Life is full of tough calls and daunting decisions. The question isn't if you'll face a big decision in the future, but how you'll face the tough call that's guaranteed to come your way. Think about it. There are wedding proposals to ponder, college applications to submit, career moves to make, homes to sell, and confrontations to consider. And, knowing how poorly things could go, we sometimes find ourselves facing these decisions with a deep fear of future regret. The pressure is on. Or is it?**

**Short and straightforward, yet full of practical insight and spiritual truths, Tough Call, will help you see that the Christian faith offers a mindset to confidently and joyfully make your next big decision. More importantly you'll see that you can face life with your fears recognized, your peace maximized, and your hope anchored in something greater than your ability to "get it right." Readers familiar with authors like Acuff, Chan, and Tchividjian will resonate with Matt Popovits's witty, practical, and gospel-centered take on complicated topics. Tough Call is an enjoyable and essential read for any and all facing a major decision.**

**It is the modern human scientific and historical creation story.**

**Origin Story**

**Why the West Rules - For Now**

**The Dawn of Everything**

**The History of the Future**

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## **From the Big Bang to the Present**

## **World Made by Hand**

## **What's Next?**

The New York Times bestselling author of *Origin Story*, who Bill Gates has “long been a fan of,” turns his attention to the future of humanity — and how we think about it — in this ambitious book. The future is uncertain, a bit spooky, possibly dangerous, maybe wonderful. We cope with this never-ending uncertainty by telling stories about the future, future stories. How do we construct those stories? Where is the future, the place where we set those stories? Can we trust our future stories? And what sort of futures do they show us? This book is about future stories and future thinking, about how we prepare for the future. Think of it as a sort of User’s Guide to the Future. We all need such a guide because the future is where we will spend the rest of our lives. David Christian, historian and author of *Origin Story*, is renowned for pioneering the emerging discipline of Big History, which surveys the whole of the past. But with *Future Stories*, he casts his sharp analytical eye forward, offering an introduction to the strange world of the future, and a guide to what we think we know about it at all scales, from the individual to the cosmological. Christian consults theologians, philosophers, scientists, statisticians, and scholars from a huge range of places and times

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as he explores how we prepare for uncertain futures, including the future of human evolution, artificial intelligence, interstellar travel, and more. By linking the study of the past much more closely to the study of the future, we can begin to imagine what the world will look like in a hundred years and consider solutions to the biggest challenges facing us all.

World-renowned economist Klaus Schwab, Founder and Executive Chairman of the World Economic Forum, explains that we have an opportunity to shape the fourth industrial revolution, which will fundamentally alter how we live and work. Schwab argues that this revolution is different in scale, scope and complexity from any that have come before. Characterized by a range of new technologies that are fusing the physical, digital and biological worlds, the developments are affecting all disciplines, economies, industries and governments, and even challenging ideas about what it means to be human. Artificial intelligence is already all around us, from supercomputers, drones and virtual assistants to 3D printing, DNA sequencing, smart thermostats, wearable sensors and microchips smaller than a grain of sand. But this is just the beginning: nanomaterials 200 times stronger than steel and a million times thinner than a strand of hair and the first transplant of a 3D printed liver are already in development. Imagine

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“smart factories” in which global systems of manufacturing are coordinated virtually, or implantable mobile phones made of biosynthetic materials. The fourth industrial revolution, says Schwab, is more significant, and its ramifications more profound, than in any prior period of human history. He outlines the key technologies driving this revolution and discusses the major impacts expected on government, business, civil society and individuals. Schwab also offers bold ideas on how to harness these changes and shape a better future—one in which technology empowers people rather than replaces them; progress serves society rather than disrupts it; and in which innovators respect moral and ethical boundaries rather than cross them. We all have the opportunity to contribute to developing new frameworks that advance progress.

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 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

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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.

WINNER OF THE 2017 NATIONAL BOOK AWARD IN NONFICTION FINALIST FOR THE NATIONAL BOOK CRITICS CIRCLE AWARDS WINNER OF THE NEW YORK PUBLIC LIBRARY'S HELEN BERNSTEIN BOOK AWARD NAMED A BEST BOOK OF 2017 BY THE NEW YORK TIMES BOOK REVIEW, LOS ANGELES TIMES, WASHINGTON POST, BOSTON GLOBE, SEATTLE TIMES, CHRISTIAN SCIENCE MONITOR, NEWSWEEK, PASTE, and POP SUGAR The essential journalist and bestselling biographer of Vladimir Putin reveals how, in the space of a generation, Russia surrendered to a more virulent and invincible new

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strain of autocracy. Award-winning journalist Masha Gessen's understanding of the events and forces that have wracked Russia in recent times is unparalleled. In *The Future Is History*, Gessen follows the lives of four people born at what promised to be the dawn of democracy. Each of them came of age with unprecedented expectations, some as the children and grandchildren of the very architects of the new Russia, each with newfound aspirations of their own--as entrepreneurs, activists, thinkers, and writers, sexual and social beings. Gessen charts their paths against the machinations of the regime that would crush them all, and against the war it waged on understanding itself, which ensured the unobstructed reemergence of the old Soviet order in the form of today's terrifying and seemingly unstoppable mafia state. Powerful and urgent, *The Future Is History* is a cautionary tale for our time and for all time.

As OPEC has loosened its grip over the past ten years, the oil market has been rocked by wild price swings, the likes of which haven't been seen for eight decades. Crafting an engrossing journey from the gushing Pennsylvania oil fields of the 1860s to today's fraught and fractious Middle East, *Crude Volatility* explains how past periods of stability and volatility in oil prices help us understand the new boom-bust era. Oil's notorious volatility has always



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been considered a scourge afflicting not only the oil industry but also the broader economy and geopolitical landscape; Robert McNally makes sense of how oil became so central to our world and why it is subject to such extreme price fluctuations. Tracing a history marked by conflict, intrigue, and extreme uncertainty, McNally shows how—even from the oil industry's first years—wild and harmful price volatility prompted industry leaders and officials to undertake extraordinary efforts to stabilize oil prices by controlling production. Herculean market interventions—first, by Rockefeller's Standard Oil, then, by U.S. state regulators in partnership with major international oil companies, and, finally, by OPEC—succeeded to varying degrees in taming the beast. McNally, a veteran oil market and policy expert, explains the consequences of the ebbing of OPEC's power, debunking myths and offering recommendations—including mistakes to avoid—as we confront the unwelcome return of boom and bust oil prices.

Teaching Big History

The Rise of Intelligence from the Big Bang to the End of the Universe

A History of Future Cities

How Climate, Resources and Geopolitics are Reshaping the North, and why it Matters to the World

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Future Minds

The Routledge Companion to Big History

A Guide to Capitalism, Nature, and the Future of the Planet

**A wide-ranging survey of predictions about the future development and impact of science and technology through the twentieth century.**

**Big History and the Future of Humanity presents an original theoretical approach that makes "big history" - the placing of the human past within the history of life, the Earth, and the Universe -- accessible to general readers while revealing insights into what the future may hold for humanity. Provides an accessible and original overview of the entire sweep of history that places human history within the history of life, the Earth, and the Universe Features an original theory of "big history" which explains all of history and opens up an entirely new interdisciplinary research agenda Offers new insights into the future of humanity by better understanding the past Presents a new approach to complexity studies, which takes into account the greatest galaxy clusters as well as the tiniest sub-atomic particles**

**For readers of Michio Kaku and Stephen Hawking, the book readers have acclaimed as "A mega-comprehensive outlook at intelligence as convincing as it is surprising" and "A truly breathtaking forecast on the future of intelligence." With the ongoing advancement of AI and other technologies, our world is becoming increasingly intelligent. From**

**chatbots to innovations in brain-computer interfaces to the possibility of superintelligences leading to the Singularity later this century, our reality is being transformed before our eyes. This is commonly seen as the natural result of progress, but what if there's more to it than that? What if intelligence is an inevitability, an underlying property of the universe? In Future Minds, Richard Yonck challenges our assumptions about intelligence—what it is, how it came to exist, its place in the development of life on Earth and possibly throughout the cosmos. Taking a Big History perspective—over the 14 billion years from the Big Bang to the present and beyond—he draws on recent developments in physics and complexity theory to explore the questions: Why do pockets of increased complexity develop, giving rise to life, intelligence, and civilization? How will it grow and change throughout this century, transforming both technology and humanity? As we expand outward from our planet, will we discover other forms of intelligence, or will we conclude we are destined to go it alone? Any way we look at it, the nature of intelligence in the universe is becoming a central concern for humanity. Ours. Theirs. And everything in between.**

**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**

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**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.**

**Why does the West rule? In this magnum opus, eminent Stanford polymath Ian Morris answers this provocative question, drawing on 50,000 years of history, archeology, and the methods of social science, to make sense of when, how, and why the paths of development differed in the East and West — and what this portends for the 21st century. There are two broad schools of thought on why the West rules. Proponents of "Long-Term Lock-In" theories such as Jared Diamond suggest that from time immemorial, some critical factor — geography, climate, or culture perhaps — made East and West**

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**unalterably different, and determined that the industrial revolution would happen in the West and push it further ahead of the East. But the East led the West between 500 and 1600, so this development can't have been inevitable; and so proponents of "Short-Term Accident" theories argue that Western rule was a temporary aberration that is now coming to an end, with Japan, China, and India resuming their rightful places on the world stage. However, as the West led for 9,000 of the previous 10,000 years, it wasn't just a temporary aberration. So, if we want to know why the West rules, we need a whole new theory. Ian Morris, boldly entering the turf of Jared Diamond and Niall Ferguson, provides the broader approach that is necessary, combining the textual historian's focus on context, the anthropological archaeologist's awareness of the deep past, and the social scientist's comparative methods to make sense of the past, present, and future — in a way no one has ever done before.**

**Key to The Future**

**The Patterns of History, and What They Reveal About the Future**

**An Introduction to Big History**

**Mein Kampf**

**Future-Focused History Teaching**

**Inventing the World We Can Proudly Leave Our Kids By 2050**

**A New History of the Future in 100 Objects**

**The Routledge Companion to Big History guides readers through the variety of themes and concepts that structure**

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contemporary scholarship in the field 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.

Nature, money, work, care, food, energy, and lives: these are the seven things that have made our world and will shape its future. In making these things cheap, modern commerce has transformed, governed, and devastated Earth. In *A History of the World in Seven Cheap Things*, Raj Patel and Jason W. Moore present a new approach to analyzing today's planetary emergencies. Bringing the latest ecological research together with histories of colonialism, indigenous struggles, slave revolts, and other rebellions and uprisings, Patel and Moore demonstrate

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**that throughout history, crises have always prompted fresh strategies to make the world cheap and safe for capitalism. At a time of crisis in all seven cheap things, innovative and systemic thinking is urgently required. This book proposes a radical new way of understanding—and reclaiming—the planet in the turbulent twenty-first century.**

**A highly engaging tour through progressive history in the service of emancipating our digital tomorrow Shortlisted for the Victorian Premier's Literary Award, Australia**

**When we talk about technology we always talk about tomorrow and the future—which makes it hard to figure out how to even get there. In *Future Histories*, public interest lawyer and digital specialist Lizzie O'Shea argues that we need to stop looking forward and start looking backwards. Weaving together histories of computing and progressive social movements with modern theories of the mind, society, and self, O'Shea constructs a “usable past” that can help us determine our digital future. What, she asks, can the Paris Commune tell us about earlier experiments in sharing resources—like the Internet—in common? How can Frantz Fanon's theories of anti colonial self-determination help us build digital world in which everyone can participate equally? Can debates over equal digital access be helped by American revolutionary Tom Paine's theories of democratic, economic redistribution? What can indigenous land struggles teach us about stewarding our digital climate? And, how is Elon Musk not a future visionary but a steampunk throwback to Victorian-era technological utopians? In engaging, sparkling prose, O'Shea shows us how very human our understanding of technology is, and how when we draw on the resources of**

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**the past, we can see the potential for struggle, for liberation, for art and poetry in our technological present. Future Histories is for all of us—makers, coders, hacktivists, Facebook-users, self-styled Luddites—who find ourselves in a brave new world.**

**Here is a book for everyone who has an interest in how our planet works, what has happened during its 4,550 million year history and what might happen in the future. It tells how Earth scientists study the pattern of events that have shaped the planet and guided the evolution of life on Earth. In clear and simple language it describes how the effec**

**This book introduces a 'Big History' perspective to understand the acceleration of social, technological and economic trends towards a near-term singularity, marking a radical turning point in the evolution of our planet. It traces the emergence of accelerating innovation rates through global history and highlights major historical transformations throughout the evolution of life, humans, and civilization. The authors pursue an interdisciplinary approach, also drawing on concepts from physics and evolutionary biology, to offer potential models of the underlying mechanisms driving this acceleration, along with potential clues on how it might progress. The contributions gathered here are divided into five parts, the first of which studies historical mega-trends in relation to a variety of aspects including technology, population, energy, and information. The second part is dedicated to a variety of models that can help understand the potential mechanisms, and support extrapolation. In turn, the third part explores various potential future scenarios, along with the paths and decisions that are required. The fourth part**



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**presents philosophical perspectives on the potential deeper meaning and implications of the trend towards singularity, while the fifth and last part discusses the implications of the Search for Extraterrestrial Intelligence (SETI). Given its scope, the book will appeal to scholars from various disciplines interested in historical trends, technological change and evolutionary processes.**

**The Little Book of Big History**

**A History of the World in Seven Cheap Things**

**Star Trek Chronology**

**The Fourth Industrial Revolution**

**The Story of Life, the Universe and Everything**

**Fifth Edition**

An epic for our time, Big History begins when the universe is no more than a single point the size of an atom, squeezed together in unimaginable density, and ends with a twenty-first-century planet inhabited by 6.1 billion people. Its a story that takes in prehistoric geology, human evolution, the agrarian age, the Black Death, the voyages of Columbus, the industrial revolution, and global warming. Historian Cynthia Brown visits the Vikings, the Mayas and Aztecs, the Incas, the Mongol empire, and the Islamic heartlands. Along the way she considers topics as varied as cell formation, population growth, global disparities, and illiteracy, creating a stunning synthesis of historical and scientific

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knowledge of humanity and the earth we inhabit. Big History represents a new kind of history, one that skillfully interweaves historical knowledge and cutting-edge science. In an age of global warming, when the fate of the earth hangs in the balance, scientific advances permit us to see the universe as never before, grasping the timescales that allow us to understand the history of mankind in the context of its ecological impact on the planet. Cynthia Browns lucid, accessible narrative is the first popularization of this innovative new field of study, as thrilling as it is ambitious.

A riveting imagined history looking back on the twenty-first century through one hundred of its artifacts, from silent messaging systems to artificial worlds on asteroids. In the year 2082, a curator looks back at the twenty-first century, offering a history of the era through a series of objects and artifacts. He reminisces about the power of connectivity, which was reinforced by such technologies as silent messaging--wearable computers that relay subvocal communication; quotes from a self-help guide to making friends with "posthumans"; describes the establishment of artificial worlds on asteroids; and recounts pro-democracy movements in epistocratic states.

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In *A New History of the Future in 100 Objects*, Adrian Hon constructs a possible future by imagining the things it might leave in its wake.

Featuring a variety of updates and revisions, *Big History and the Future of Humanity, Second Edition*, presents an accessible and original overview of the entire sweep of history from the origins of the universe and origins of life on Earth up to the present day. Provides an accessible and original overview of the entire sweep of history that places human history within the context of the history of life, the Earth, and the universe Offers new insights into the future of humanity by providing a better understanding of the past Features a variety of updates and revisions that include increased coverage of key concepts such as the emergence of human behaviour, the development of value systems, and patterns of complexity in Big History Incorporates a variety of 'little big histories' that aid readers in recognizing how big history concepts can relate to their daily lives Instructor resources from the author will be available online upon publication Find additional resources from the author online at [www.bighistory.info](http://www.bighistory.info)

big history and the future of humanity “This

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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 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

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

Big History and the Future of Humanity  
John Wiley & Sons

Our Incredible Journey, from Big Bang to Now  
What the Laws of Biology Tell Us About the  
Destiny of the Human Species

The 21st Century Singularity and Global  
Futures

Restoring the Power of Historical Learning  
Maps of Time

The Future of the Human Mind: a Study of the  
Potential Powers of the Brain

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## The Precipice

Understand how and why we got where we are today with Big History. From the formation of our universe to the present day, countless major events have changed the course of life on Earth. Big History brings together an incredible range of perspectives, using multiple disciplines including physics and sociology to bring us the story of 13.8 billion years of remarkable history. With a foreword by TED speaker Professor David Christian, Big History is a truly unique look at the history of the world. Aligned with the online Big History Project, supported by Bill Gates, Big History puts a wide-angle lens on history, and uses stunning visual timelines and special CGI reconstructions to show you history's greatest events like never before. Look back to our origins in the stars, and explore everything from the birth of the sun to modern technology, and what the future holds for humans. The perfect gift for everyone interested in every aspect of history, Big History presents the history of the world as you've never seen it.

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

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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 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*

In this “richly imagined” dystopian vision, mankind must find a way to survive as modern civilization slowly comes apart (O, *The Oprah Magazine*). When Earth ran dry of oil, the age of the automobile came to an end; electricity flickered out. With deprivation came desperation—and desperation drove humanity backward to a state of existence few could have imagined. In the tiny hamlet of Union Grove, New York, every day is a struggle. For Mayor Robert Earle, it is a battle to keep the citizens united. As the bonds of civilization are torn apart by war, famine, and violence, there are some who aim to carve out

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a new society: one in which might makes right—a world of tyranny, subjugation, and death. A world Earle must fight against . . . In his shocking nonfiction work, *The Long Emergency*, social commentator James Howard Kunstler explored the reality of what would happen if the engines stopped running. In *World Made by Hand*, he offers a stark glimpse of that future in a work of speculative fiction that stands as “an impassioned and invigorating tale whose ultimate message is one of hope, not despair” (*San Francisco Chronicle*). “Brilliant.” —Alan Cheuse, *Chicago Tribune* “It frightens without being ridiculously nightmarish, it cautions without being too judgmental, and it offers glimmers of hope we don’t have to read between the lines to comprehend.” —*Baltimore City Paper*

*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



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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, 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.

**INSTANT NEW YORK TIMES BESTSELLER** A dramatically new understanding of human history, challenging our most fundamental assumptions about social evolution—from the development of agriculture and cities to the origins of the state, democracy, and inequality—and revealing new possibilities for human emancipation. For generations, our remote ancestors have been cast as primitive and childlike—either free and equal innocents, or thuggish and warlike. Civilization, we are told, could be achieved only by sacrificing those original freedoms or, alternatively, by taming our baser instincts. David Graeber and David Wengrow show how such theories first emerged in the eighteenth century as a conservative reaction to powerful critiques of European society posed by Indigenous observers and intellectuals. Revisiting this encounter has startling implications for how we make sense of human history today, including the

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origins of farming, property, cities, democracy, slavery, and civilization itself. Drawing on pathbreaking research in archaeology and anthropology, the authors show how history becomes a far more interesting place once we learn to throw off our conceptual shackles and perceive what's really there. If humans did not spend 95 percent of their evolutionary past in tiny bands of hunter-gatherers, what were they doing all that time? If agriculture, and cities, did not mean a plunge into hierarchy and domination, then what kinds of social and economic organization did they lead to? The answers are often unexpected, and suggest that the course of human history may be less set in stone, and more full of playful, hopeful possibilities, than we tend to assume. The Dawn of Everything fundamentally transforms our understanding of the human past and offers a path toward imagining new forms of freedom, new ways of organizing society. This is a monumental book of formidable intellectual range, animated by curiosity, moral vision, and a faith in the power of direct action. Includes Black-and-White Illustrations

Prophets of Progress from H. G. Wells to Isaac Asimov  
Big History

A Journey from the Big Bang to the Modern World and Into the Future

A Brief History of a Perfect Future

The History of Earth Science

A New History of Humanity

Tough Call

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*A revised edition of the official illustrated timeline of the Star Trek universe is presented in full color and follows the founding of the Federation through the most recent Voyager adventures. Original.*

*The social and natural sciences have more in common than most people would perhaps suspect. This thought-provoking study, the first of its kind ever attempted, presents a single straightforward structure which unites the latest scientific views on the history of the Universe, the Solar System, Earth, life and humankind. It contributes to a better understanding of some long-standing academic controversies, such as the root causes for the origins of humankind, the rise of agriculture and the emergence of early states.*

*‘MEIN KAMPF’ is the autobiography of Adolf Hitler gives detailed insight into the mission and vision of Adolf Hitler that shook the world. This book is the merger of two volumes. The first volume of MEIN KAMPF’ was written while the author was imprisoned in a Bavarian fortress. The book deals with events which brought the author into this blight. It was the hour of Germany’s deepest humiliation, when Napoleon has dismembered the old German Empire and French soldiers occupied almost the whole of Germany. The books narrates how Hitler was arrested with several of his comrades and imprisoned in the fortress of Landsberg on the river Lech. During this period only the author wrote the first volume of MEIN KAMPF. The Second volume of MEIN KAMPF was written after*

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*release of Hitler from prison and it was published after the French had left the Ruhr, the tramp of the invading armies still echoed in German ears and the terrible ravages had plunged the country into a state of social and economic Chaos. The beauty of the book is, MEIN KAMPF is an historical document which bears the imprint of its own time. Moreover, Hitler has declared that his acts and 'public statements' constitute a partial revision of his book and are to be taken as such. Also, the author has translated Hitler's ideal, the Volkischer Staat, as the People's State. The author has tried his best making German Vocabulary easy to understand. You will never be satisfied until go through the whole book. A must read book, which is one of the most widely circulated and read books worldwide.*

*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? 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*

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*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: 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 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. Existential Risk and the Future of Humanity*

*A Big History of Everything*

*How Totalitarianism Reclaimed Russia*

*The Moon*

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## ***What Ada Lovelace, Tom Paine, and the Paris Commune Can Teach Us About Digital Technology Future Stories***

### ***A Natural History of the Future***

Over the past century, our species has made unprecedented technological innovations with which we have sought to control nature. From river levees to enormous one-crop fields we continue to try to reshape nature for our purposes - so much so it seems we may be in danger of destroying it. In *Natural History of the Future*, biologist Rob Dunn argues that nothing could be further from the truth: rather than asking whether nature will survive us, better to ask whether we will survive nature. Despite our best - or worst - efforts to control the biological world, life has its own rules, and no amount of human tampering can rewrite them. Elucidating several fundamental laws of ecology, evolution, and biogeography, Dunn shows why life cannot be stopped. We sequester our crops on monocultured fields, only to find new life emerging to attack them. We dump toxic waste only to find microbes that colonize it. And even in the London Tube, we have seen a new species of mosquito emerge to take advantage of an apparently inhospitable habitat. Life will not be repressed by our best plans. Instead, Dunn shows us a vision of the biological future and the challenges the next generations could face. *A Natural History of the Future* sets a new standard for understanding the diversity of life and our future as a species.

Emmerson provides a vivid, visionary exploration of the Arctic, the forces that have shaped it, and its emergence as the main stage of global affairs.

An intimate portrait of the Earth's closest neighbor--the Moon--that explores the history and future of humankind's

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relationship with it Every generation has looked towards the heavens and wondered at the beauty of the Moon. Fifty years ago, a few Americans became the first to do the reverse--shared with Earth-bound audiences the view of their own planet hanging in the sky instead. Recently, the connection has been discovered to be even closer: a fragment of the Earth's surface was found embedded in a rock brought back from the Moon. And astronauts are preparing to return to the surface of the Moon after a half-century hiatus--this time to the dark side. Oliver Morton explores how the ways we have looked at the Moon have shaped our perceptions of the Earth: from the controversies of early astronomers such as van Eyck and Galileo, to the Cold War space race, to the potential use of the Moon as a stepping stone for further space exploration. Advanced technologies, new ambitions, and old dreams mean that men, women, and robots now seem certain to return to the Moon. For some, it is a future on which humankind has turned its back for too long. For others, an adventure yet to begin. Presents a new perspective for looking at history from the origins of the universe to present day.

An exploration of four cities that reflect a blend of Eastern and Western cultures traces the historical threads connecting Petersburg, Shanghai, Mumbai, and Dubai while discussing their conflicted embrace of modernity.

Crude Volatility

The Future Is History

A Big History Perspective

A Little Book on Making Big Decisions

Future Histories

The Structure of Big History from the Big Bang Until Today

Big History and the Future of Humanity

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An illuminating introduction to the wonders and mysteries of the mind, by the father of modern hypnosis, George H. Estabrooks, covering such subjects as memory stimulation, time distortion, tapping the subconscious mind for creative purposes, mind-body relationships, paranormal and extrasensory perception (ESP), and much more. Dr.

Estabrooks was instrumental in bringing the powers of hypnosis to the battlefield, by helping the U.S. military design and develop its hypnosis, remote-viewing, and ESP programs, which allowed the Western powers to stave off crippling Cold War attacks from the Soviet Union and other Eastern Bloc organizations. "This excellent book should be required reading for all who wish to gain an introductory and insightful understanding of the human mind..." -Dr. Milton V. Kline "A popular book written by a psychologist well qualified to hold opinions on this subject..." -The Journal of the American Society For Psychical Research "A fascinating book about the human brain. Start reading it, and you won't put it down. The book itself is hypnotic!" -The Philadelphia Record

A History of the Future

A Fiction

The Future History of the Arctic

The History and the Future of Boom-Bust Oil Prices

A History for the Future