

This Earth Of Mankind Chapter Summary

In this urgent, authoritative book, Bill Gates sets out a wide-ranging, practical - and accessible - plan for how the world can get to zero greenhouse gas emissions in time to avoid a climate catastrophe. Bill Gates has spent a decade investigating the causes and effects of climate change. With the help of experts in the fields of physics, chemistry, biology, engineering, political science, and finance, he has focused on what must be done in order to stop the planet’s slide toward certain environmental disaster. In this book, he not only explains why we need to work toward net-zero emissions of greenhouse gases, but also details what we need to do to achieve this profoundly important goal. He gives us a clear-eyed description of the challenges we face. Drawing on his understanding of innovation and what it takes to get new ideas into the market, he describes the areas in which technology is already helping to reduce emissions, where and how the current technology can be made to function more effectively, where breakthrough technologies are needed, and who is working on these essential innovations. Finally, he lays out a concrete, practical plan for achieving the goal of zero emissions-suggesting not only policies that governments should adopt, but what we as individuals can do to keep our government, our employers, and ourselves accountable in this crucial enterprise. As Bill Gates makes clear, achieving zero emissions will not be simple or easy to do, but if we follow the plan he sets out here, it is a goal firmly within our reach.
THE SUNDAY TIMES AND NEW YORK TIMES BESTSELLER
A Guardian, Daily Telegraph, New Statesman and Daily Express Book of the Year
‘Hugely, highly and happily recommended’ Stephen Fry
‘You should read Humankind. You’ll learn a lot (I did) and you’ll have good reason to feel better about the human race’ Tim Harford
‘The book we need right now’ Daily Telegraph
‘Made me see humanity from a fresh perspective’ Yuval Noah Harari
It’s a belief that unites the left and right, psychologists and philosophers, writers and historians. It drives the headlines that surround us and the laws that touch our lives. From Machiavelli to Hobbes, Freud to Dawkins, the roots of this belief have sunk deep into Western thought. Human beings, we’re taught, are by nature selfish and governed by self-interest. Humankind makes a new argument: that it is realistic, as well as revolutionary, to assume that people are good. The instinct to cooperate rather than compete, trust rather than distrust, has an evolutionary basis going right back to the beginning of Homo sapiens. By thinking the worst of others, we bring out the worst in our politics and economics too. In this major book, internationally bestselling author Rutger Bregman takes some of the world’s most famous studies and events and reframes them, providing a new perspective on the last 200,000 years of human history. From the real-life Lord of the Flies to the Blitz, a Siberian fox farm to an infamous New York murder, Stanley Milgram’s Yale shock machine to the Stanford prison experiment, Bregman shows how believing in human kindness and altruism can be a new way to think – and act as the foundation for achieving true change in our society. It is time for a new view of human nature. This dystopian classic is ‘exciting, relevant and thought-provoking’ (Stephen King). When a group of schoolboys are stranded on a desert island, what could go wrong? ONE OF THE BBC’S ‘100 NOVELS THAT SHAPED OUR WORLD’
‘One of my favorite books - I read it every couple of years.’ Suzanne Collins, author of The Hunger Games
What are we? Humans? Or animals? Or savages? What’s grown-ups going to think? Going off-hunting pigs-letting fires out-and now! A plane crashes on a desert island. The only survivors are a group of schoolboys. By day, they explore the dazzling beaches, gorging fruit, seeking shelter, and ripping off their uniforms to swim in the lagoon. At night, in the darkness of the jungle, they are haunted by nightmares of a primitive beast. Orphaned by society, they must forge their own; but it isn’t long before their innocent games devolve into a murderous hunt ... ‘Thrills me with all the power a fiction can have ... Exemplary.’ Ian McEwan
‘An existential fable backlit with death’s incandescent glare.’ Ben Okri
‘Violently real ... An apocalyptic novelist [who writes with] humanist rage and defiance. Marion James’ Beautiful and desperate, something quite out of the ordinary.’ Stevie Smith
‘Beautifully written, tragic and provocative.’ E. M. Forster
‘A fragment of nightmare. New Statesman
‘A post-apocalyptic, dystopian survivor-fantasy ... [A novel] for all time ... A cult classic.’ Guardian
‘Stands out mightily in my memory ... Such a strong statement about the human heart.’ Patricia Cornwell
‘Terrifying and haunting.’ Kingsley Amis
What readers are saying: ‘Every real human being should read this ... This is what we are.’ ‘It’s brilliant, it’s captivating, it’s thought provoking and brutal and for some, its truly terrifying.’ ‘It can be read and re-read many times, and every time something new will appear.’ ‘There is a reason why this is studied at school ... Excellent read.’ ‘This is one of the few books I’ve read that I keep on my Kindle to read again.’ ‘I revisit this every few years and it’s always fresh and impressive.’ ‘One of the best books I’ve ever read.’
Born out of violence and the aspirations of its early settlers, the United States of America has become one of the world’s most powerful nations. The book begins in colonial America as the first Europeans arrived, lured by the promise of financial profit, driven by religious piety and accompanied by diseases which would ravage the native populations. It explores the tensions inherent in a country built on slave labour in the name of liberty, one forced to assert its unity and reassert its ideals in the face of secession and civil war, and one that struggled to establish moral supremacy, military security and economic stability during the financial crises and global conflicts of the twentieth century. Woven through this richly crafted story of America’s shifting social and political landscapes are the multiple voices of the nation’s history: slaves and slave owners, revolutionaries and reformers, soldiers and statesmen, immigrants and refugees. These voices help define the United States at the dawn of a new century.

First in an extraordinary trilogy, from the winner of the Arthur C. Clarke Award

A Vindication of the Rights of Woman

A Hopeful History

Bio-optical Modeling and Remote Sensing of Inland Waters

A Brief History of How We F*cked It All Up

Humans

Minke is a young Javanese student of great intelligence and ambition. Living equally among the colonists and colonized of 19th-century Java, he battles against the confines of colonial strictures. It is his love for Annelies that enables him to find the strength to embrace his world. Bachelor Thesis from the year 2010 in the subject History – Asia, grade: A, University of Airlangga, course: English Literature, language: English, abstract: ABSTRACT This paper, through postcolonial-feminist criticism, attempts to prove the existence of the oppression toward the Javanese women during the Dutch’s colonialism in Indonesia. The analysis is focused to the character of Sanikem which is also known as Nyai Ontosoroh in Toer’s This Earth of Mankind. Firstly it aims to know whether there is a relation between the Dutch’s colonialism and the Javanese feudalism with the oppression towards Sanikem and then analyse how the dual hierarchy of the Dutch’s colonialism and Javanese’s feudal system contribute to the oppression. The second is to discover shifting of Sanikem’s personality which makes her aware of the oppression and struggle against it. And the last is to examine whether, under the oppression, Sanikem successfully voices her rights or whether her struggles results in vain. In conducting the analysis, cultural and historical background will be applied in the thesis along with the discussion of the subaltern women in a colonized country established by Gayatri Chakravorty Spivak. This research applies qualitative method which means that the data is taken from the novel itself which is This Earth of Mankind, both digital and non-digital library research, journals, and other resources which are appropriate in conducting the analysis.

Biblical theology and doctrines of Jehovah’s Witnesses.

“On the day after humans disappear, nature takes over and immediately begins cleaning house – or houses, that is. Cleans them right off the face of the earth. They all go. What if mankind disappeared right now, forever ... what would happen to the Earth in a week, a year, a millennium? Could the planet’s climate ever recover from human activity? How would nature destroy our huge cities and our myriad plastics? And what would our final legacy be? Speaking to experts in fields as diverse as oil production and ecology, and visiting the places that have escaped recent human activity to discover how they have adapted to life without us, Alan Weisman paints an intriguing picture of the future of Earth. Exploring key concerns of our time, this absorbing thought experiment reveals a powerful – and surprising – picture of our planet’s future.

Humankind

The World Without Us

Paradise Lost

What Does the Bible Really Teach?.

Mythology

A Memoir

His book is brilliant. Utterly, utterly brilliant. Apart from the epilogue, which is idiotic! Jeremy Clarkson ‘F*cking brilliant’ Sarah Knight AN EXHILARATING JOURNEY THROUGH THE MOST CREATIVE AND CATASTROPHIC F*CK-UPS OF HUMAN HISTORY In the seventy thousand years that modern human beings have walked this earth, we’ve come a long way. Art, science, culture, trade – on the evolutionary food chain, we’re real winners. But, frankly, it’s not exactly been plain sailing, and sometimes we’ve managed to really, truly, quite unbelievably f*ck things up. From Chairman Mao’s Four Pests Campaign, to the American Dusbomb from the Austrian army attacking itself one drunken night, to the world’s leading superpower electing a reality TV mogul as President... it’s pretty safe to say that, as a species, we haven’t exactly grown wiser with age. So, next time you think you’ve really f*cked up, this book will remind you: it could be so much worse... FURTHER PRAISE FOR HUMANS: ‘Very funny’ Mark Watson ‘A light-touch history of moments when humans have got it spectacularly wrong... Both readable and entertaining’ The Telegraph ‘Chronicles humanity’s myriad follies down the ages with malicious glee and much wit... a rib-tickling page-turner’ Business Standard ‘A timely, irreverent gallop through thousands of years of human stupidity’ Nicholas Griffin, Ping-Pong Diplomacy: The Secret History Behind the Game That Changed the World

When a meteoric lands in Surrey, the locals don’t know what to make of it. But as Martians emerge and begin killing bystanders, it quickly becomes clear!England is under attack. Armed soldiers converge on the scene to ward off the invaders, but meanwhile, two Martian cylinders land on Earth, bringing reinforcements. As war breaks out across England, the locals must fight for their lives, but life on Earth will never be the same. This is an unabridged version of one of the first fictional accounts of extraterrestrial invasion. H. G. Wells’s military science fiction novel was first published in book form in 1898, and is considered a classic of English literature. Hailed by The New York Times as ‘a compelling dystopian look into paranoia from one of the most unique and perceptive writers of our time,’ this brief, captivating novel offers a cautionary tale. The story unfolds within a society in which all traces of individualism have been eliminated from every aspect of life–if use of the word ‘I’ is a capital offense. The hero, a rebel who discovers that man’s greatest moral duty is the pursuit of his own happiness, embodies the values the author embraced in her personal philosophy of objectivism: reason, ethics, volition, and individualism. Anthem anticipates the themes Ayn Rand explored in her later masterpieces, The Fountainhead and Atlas Shrugged. Publisher’s Weekly acclaimed it as ‘a diamond in the rough, often dwarfed by the superstar company it keeps with the author’s more popular work, but every bit as gripping, daring, and powerful.’ ‘Anthem is a dystopian fiction novella by Ayn Rand, written in 1937 and first published in 1938 in England. It takes place as one unspecified future date when mankind has entered another dark age characterized by irrationality, collectivism, and socialist thinking and economics. Technological advancement is now carefully planned (when it is allowed to occur at all) and the concept of individuality has been eliminated. IF NOT YOU, WHO ELSE? As the mighty alien fleet from the latest computer game thunders across the screen, Johnny prepares to blow them into the usual million pieces. And they send him a message: ‘We surrender. They’re not supposed to do that! They’re supposed to die. And computer joysticks don’t have ‘Don’t Fire’ buttons ... But it’s only a game, isn’t it. Isn’t it? The first book in the Johnny Maxwell trilogy.

The Good Earth

The War of the Worlds

A Brief History of Humankind

The Mute’s Soliloquy

Mankind Beyond Earth

The History, Science, and Future of Human Space Exploration

“THE MULTI-MILLION COPY BESTSELLER” “Interesting and provocative... It gives you a sense of how briefly we’ve been on this Earth” Barack Obama
‘What makes us brilliant? What makes us Sapiens? What makes us Sapiens?’ Yuval Noah Harari challenges everything we know about being human. Earth is 4.5 billion years old. In just a fraction of that time, one species among countless others has conquered it us. In this bold and provocative book, Yuval Noah Harari explores who we are, how we got here and where we’re going. The perfect gift for curious readers this Christmas. _____ PRAISE FOR SAPIENS: ‘Jaw-dropping from the first word to the last... It may be the best book I’ve ever read’ Chris Evans ‘Sweeps the cobwebs out of your brain... Radiates power and clarity’ Sunday Times ‘It altered how I view our species and our world’ Guardian ‘Starting... It changes the way you look at the world’ Simon Mayo ‘I would recommend Sapiens to anyone who’s interested in the history and future of our species’ Bill Gates “ONE OF THE GUARDIAN’S 100 BEST BOOKS OF THE 21ST CENTURY” “A Chinese peasant overcomes the forces of nature and the frailties of human nature to become a wealthy landowner.

Seeking to reenergize America’s passion for the space program, the value of further exploration of the Moon, and the importance of human beings on the final frontier, Claude A. Piantadosi presents a rich history of American space exploration and its major achievements. He emphasizes the importance of reclaiming national command of our manned program and continuing our unmanned space missions, and he stresses the many adventures that still await us in the unfolding universe. Acknowledging space exploration’s practical and financial obstacles, Piantadosi challenges us to revitalize American leadership in space exploration in order to reap its scientific bounty. Piantadosi explains why space exploration, a captivating story of ambition, invention, and discovery, is also increasingly difficult and why space experts always seem to disagree. He argues that the future of the space program requires merging the practicalities of exploration with the constraints of human biology. Space science deals with the unknown, and the margin (and budget) for error is small. Lethal near-vacuum conditions, deadly cosmic radiation, planetary, vast distances, and highly scattered resources remain immense physical problems. To forge ahead, America needs to develop affordable space transportation and flexible exploration strategies based in sound science. Piantadosi closes with suggestions for accomplishing these goals, combining his healthy skepticism as a scientist with an unshakable belief in space’s untapped—and wholly worthwhile—potential. The Time Machine is a science fiction short story by H. G. Wells, published in 1895 and written as a landmark story. The work is generally credited with popularizing the concept of time travel using a vehicle or device to consciously and selectively travel forward or backward through time.

This Earth of Mankind

The First Book of Moses, Called Genesis

Frankenstein

Four Billion Years in Eight Chapters

A Concise History of the United States of America

The Long War

No feminism or feminist philosophy without “A Vindication of the Rights of Woman”. Wollstonecraft argues not only that women ought to have the education of a woman should fit her position and role in society, but also that they are human beings and thus deserve the same fundamental rights as men.

The publication of the King James version of the Bible, translated between 1603 and 1611, coincided with an extraordinary flowering of English literature and is universally acknowledged as the greatest influence on English-language literature in history. Now, world-class literary writers introduce the book of the King James Bible in a series of beautifully designed, small-format volumes. The introducers’ passionate, provocative, and personal engagements with the spirituality and the language of the text make the Bible come alive as a stunning work of literature and remind us of its overwhelming contemporary relevance.

Public health officials and organizations around the world remain on high alert because of increasing concerns about the prospect of an influenza pandemic, which many experts believe to be inevitable. Moreover, recent problems with the availability and strain-specificity of vaccine for annual flu epidemics in some countries and the rise of pandemic strains of avian flu in disparate geographic regions have alarmed experts about the world’s ability to prevent or contain a human pandemic. The workshop summary, The Threat of Pandemic Influenza: Are We Ready?, addresses these urgent concerns. The report describes what steps the United States and other countries have taken thus far to prepare for the next outbreak of “killer flu.” It also looks at gaps in readiness, including hospitals’ inability to absorb a surge of patients and many nations’ incapacity to monitor and detect flu outbreaks. The report points to the need for international agreements to share flu vaccine and antiviral stockpiles to ensure that the 88 percent of nations that cannot manufacture or stockpile these products have access to them. It chronicles the toll of the H5N1 strain of avian flu currently circulating among poultry in many parts of Asia, which now accounts for the culling of millions of birds and the death of at least 50 persons. And it compares the costs of preparations with the costs of illness and death that could arise during an outbreak.

Acclaimed New York Times journalist and author Chris Hedges offers a critical -- and fascinating -- lesson in the dangerous realities of our age: a stark look at the effects of war on combatants. Utterly lacking in rhetoric or dogma, this manual relies instead on bare fact, frank description, and a spare question-and-answer format. Hedges allows U.S. military documentation of the brutalizing physical and psychological consequences of combat to speak for itself. Hedges poses dozens of questions that young soldiers might ask about combat, and then answers them by quoting from medical and psychological studies. • What are my chances of being wounded or killed if we go to war? • What does it feel like to get shot? • What do artillery shells do to you? • What is the most painful way to get wounded? • Will I be afraid? • What could happen to me in a nuclear attack? • What does it feel like to kill someone? • Can I withstand torture? • What are the long-term consequences of combat stress? • What will happen to my body after I die? This profound and devastating portrayal of the horrors to which we subject our armed forces stands as a ringing indictment of the glorification of war and the concealment of its barbarity.

How to Avoid a Climate Disaster

Shards of Earth

(Long Earth 2)

The Great Tree of Life

A Brief History of Earth

Arthur C. Clarke’s classic in which he ponders humanity’s future and possible evolution When the silent spacecraft arrived and took the light from the world, no one knew what to expect. But, although the Overlords kept themselves hidden from man, they had come to unite a warring world and to offer an end to poverty and crime. When they finally showed themselves could now cope with, and an era of peace, prosperity and endless leisure began. But the children of this utopia dream strange dreams of distant suns and alien planets, and begin to evolve into something incomprehensible to their parents, and soon they will be ready to join the Overmind ... and, in a grand and thrilling metaphysical climax, leave the Earth behind. A distinguished psychiatrist from Martinique who took part in the Algerian Nationalist Movement, Frantz Fanon was one of the most important theorists of revolutionary struggle, colonialism, and racial difference in history. Fanon’s masterwork is a classic alongside Edward Said’s Orientalism or The Autobiography of Malcolm X, and it is now available in a new translation.

generation of readers. The Wretched of the Earth is a brilliant analysis of the psychology of the colonized and their path to liberation. Bearing singular insight into the rage and frustration of colonized peoples, and the role of violence in effecting historical change, the book incisively attacks the twin perils of post independence colonial politics: the disenfranchisement and intertribal and interfaith animosities on the other. Fanon’s analysis, a veritable handbook of social reorganization for leaders of emerging nations, has been reflected all too clearly in the corruption and violence that has plagued present-day Africa. The Wretched of the Earth has had a major impact on civil rights, anticolonialism, and black consciousness movement.

translation by Richard P. Hixson affirms it as a landmark.

Humankind is using a greater variety of metals in greater quantities than ever before. As a result there is increasing global concern over the long-term availability of secure and adequate supplies of the metals needed by society. Critical metals, which are those of growing economic importance that might be susceptible to future scarcity, are a particular worry. For many of us are concentrated in the Earth’s crust, how to extract them from their ores, and how to use, recycle and dispose of them effectively and safely. Published with the British Geological Survey, the Critical Metals Handbook brings together a wealth of knowledge on critical metals and provides a foundation for improving the future security and sustainability of critical metals manufacturing. It will also be a valuable reference for policy makers concerned with resource management, land-use planning, eco-efficiency, recycling and related fields.

Shocking and controversial when it was first published in 1939, Steinbeck’s Pulitzer prize-winning epic remains his undisputed masterpiece. It tells of the Joad family who travel West in search of the promised land, and find only broken dreams.

The Sixth Extinction

The Grapes of Wrath

Childhood’s End

The Time Machine Illustrated

Are We Ready? Workshop Summary

The Work, Wealth and Happiness of Mankind

More than 200 years after it was first published, Mary Shelley’s Frankenstein has stood the test of time as a gothic masterpiece—a classic work of horror that blurs the line between man and monster. “If I cannot inspire love, I will cause fear.” For centuries, the story of Victor Frankenstein and the monster he created has held readers spellbound. On the surface, it is a novel of tense and steadily mounting dread. On a more profound level, it illuminates the triumph and tragedy of the human condition in its portrayal of a scientist who oversteps the bounds of conscience, and of a creature tortured by the solitude of a world in which he does not belong. A novel of almost hallucinatory intensity, Mary Shelley’s Frankenstein represents one of the most striking flowerings of the Romantic imagination.

An Indonesian novelist’s autobiography written from prison. In a collection of essays and letters, smuggled during his 14-year sentence for human rights activity, he describes various stages of his life and how he lost his hearing from beatings by guards.

Harvard’s acclaimed geologist “charts Earth’s history in accessible style” (AP) “A sublime chronicle of our planet.” —Booklist, STARRED review How well do you know the ground beneath your feet? Odds are, where you’re standing was once cooking under a rolling sea of lava, crushed by a towering sheet of ice, rocked by a nearby meteor strike, or perhaps choked by poison gases, drowned beneath ocean, perched atop a mountain range, or roamed by fearsome monsters. Probably most or even all of the above. The story of our home planet and the organisms spread across its surface is far more spectacular than any Hollywood blockbuster, filled with enough plot twists to rival a bestselling thriller. But only recently have we begun to piece together the whole mystery into a coherent narrative. Drawing on his decades of field research and up-to-the-minute understanding of the latest science, renowned geologist Andrew H. Knoll delivers a rigorous yet accessible biography of Earth, charting our home planet’s epic 4.6 billion-year story. Placing twenty first-century climate change in deep context, A Brief History of Earth is an indispensable look at where we’ve been and where we’re going. Features original illustrations depicting Earth history and nearly 50 figures (maps, tables, photographs, graphs).

‘An absorbing collaborative effort from the two giants of SF’ Guardian
A generation after the events of The Long Earth, mankind has spread across the new worlds opened up by Stepping. Where Joshua and Lobsang once pioneered, now fleets of airships link the stepwise Americas with trade and culture. Mankind is shaping the Long Earth – but in turn the Long Earth is shaping mankind ... A new ‘America’, called Valhalla, is emerging more than a million steps from Datum Earth, and it is growing restless ... Meanwhile the Long Earth is suffused by the song of the trolls, graceful five-mind humanoids. But the trolls are beginning to react to humanity’s thoughtless exploitation ... And a gathering multiple crisis that threatens to plunge the Long Earth into a war unlike any mankind has waged before. _____ The Long War is the second in The Long Earth series.

The Development of our Ecosystem

Only You Can Save Mankind

The Wretched of the Earth

The Threat of Pandemic Influenza

ANTHEM

The Surrendered

“Over the last half billion years, there have been five major mass extinctions, when the diversity of life on Earth suddenly and dramatically contracted. Scientists are currently monitoring the sixth extinction, predicted to be the most devastating since the asteroid impact that wiped out the dinosaurs. This time around the cataclysm is us. In his book the author tells us why and how human beings have altered life on the planet in a way no species has before. She provides a moving account of the disappearances of various species occurring all around us and traces the evolution of extinction as concept, from its first articulation by Georges Cuvier in revolutionary Paris up to Lyell and Darwin, and through the present day. The sixth extinction is likely to be mankind’s most lasting legacy, compelling us to rethink the fundamental question of what it means to be human.” -- Back cover.

Read an essay by Chang-rae Lee here. The bestselling, award-winning writer of Native Speaker, Aloft, and My Year Abroad returns with his biggest, most ambitious novel yet: a spellbinding story of how love and war echo through an entire lifetime. With his three critically acclaimed novels, Chang-rae Lee has established himself as one of the most talented writers of contemporary literary fiction. Now, with The Surrendered, Lee has created a book that amplifies everything we’ve seen in his previous works, and reads like nothing else. It is a brilliant, haunting, heartbreaking story about how love and war unalterably change the lives of those on their way. June Han was only a girl when the Korean War left her orphaned; Hector Brennan was a young GI who fled the petty tragedies of his small town to serve his country. When the war ended, their lives collided at a Korean orphanage where they vied for the attentions of Sylvie Tanner, the beautiful yet deeply damaged missionary wife whose elusive love seemed to transform everything. Thirty years later and on the other side of the world, June and Hector are reunited in a plot that will force them to come to terms with the mysterious secrets of their past, and the shocking acts of love and violence that bind them together. As Lee unfurls the stunning story of June, Hector, and Sylvie, he weaves a profound meditation on the nature of heroism and sacrifice, the power of love, and the possibilities for mercy, salvation, and surrendering oneself to another. Combining the complex themes of identity and belonging of Native Speaker and A Gesture Life with the broad range, energy, and pure storytelling gifts of Aloft, Chang-rae Lee has delivered his most ambitious, exciting, and unforgettable work yet. It is a mesmerizing novel, elegantly suspenseful and deeply affecting.

Shards of Earth is the first high-octane installment in the Final Architecture trilogy. From the author of the thrilling science-fiction epic Children of Time, winner of the prestigious Arthur C. Clarke Award, ‘If Homer had written space opera ... Enthralling, epic, immersive and hugely intelligent. This might be Tchaikovsky’s best so far, and that’s saying something.’ - Stephen Baxter ‘One of the most interesting and accomplished writers in speculative fiction’ – Christopher Paolini The war is over. Its heroes forgotten. Until one chance discovery ... Idris has neither aged nor slept since they remade his mind in the war. And one of humanity’s heroes now scrapes by on a freelance salvage vessel, to avoid the attention of greater powers. Eighty years ago, Earth was destroyed by an alien enemy. Many escaped, but millions more died. So mankind created enhanced humans such as Idris – who could communicate mind-to-mind with our aggressors. Then these ‘Architects’ simply disappeared and Idris and his kind became obsolete. Now, Idris and his crew have something strange, abandoned in space. It’s clearly the work of the Architects – but are they really returning? And if so, why? Hunted by gangsters, cults and governments, Idris and his crew race across the galaxy as they search for answers. For they now possess something of incalculable value, and many would kill to obtain it. Praise for Adrian Tchaikovsky: ‘Enthralling, epic, immersive and hugely intelligent’ – Stephen Baxter on Shards of Earth ‘He writes incredibly enjoyable sci-fi, full of life and ideas’ – Patrick Ness ‘Brilliant science fiction’ – James McAvoy on Children of Time

Conventionally, evolution has always been described in terms of species. The Chemistry of Evolution takes a novel, not to say revolutionary, approach and examines the evolution of chemicals and the use and degradation of energy, coupled to the environment, as the drive behind it. The authors address the major changes of life from bacteria to man in a systematic and unavoidable sequence, reclassifying organisms as chemotypes. Written by the authors of the bestseller The Biological Chemistry of the Elements - The Inorganic Chemistry of Life (Oxford University Press, 1991), the clarity and precision of The Chemistry of Evolution plainly demonstrate that life is totally interactive with the environment. This exciting theory makes this work an essential addition to the academic and public library. * Provides a novel analysis of evolution in chemical terms * Stresses Systems Biology * Examines the connection between life and the environment, starting with the ‘big bang’ theory * Reorientates the chemistry of life by emphasising the need to analyse the functions of 20 chemical elements in all organisms

The Chemistry of Evolution

The Solutions We Have and the Breakthroughs We Need

The War of the Worlds Illustrated

Last and First Men

What Every Person Should Know About War

Authorized King James Version

This Earth of MankindPenguin Books

The War of the Worlds is a science fiction novel by English author H. G. Wells, first serialised in 1897 by Pearson’s Magazine in the UK and by Cosmopolitan magazine in the US. The novel’s first appearance in hardcover was in 1898 from publisher William Heinemann of London. Written between 1895 and 1897, it is one of the earliest stories to detail a conflict between mankind and an extraterrestrial race

The Great Tree of Life is a concise, approachable treatment that surveys the concept of the Tree of Life, including chapters on its historical introduction and cultural connection. The Tree of Life is a metaphor used to describe the relationships between organisms, both living and extinct. It has been widely recognized that the relationship between the roughly 10 million species on earth, drives the ecological system, its work covers options on how to build the tree, demonstrating its utility in drug discovery, curing disease, crop improvement, conservatory biology and ecology, along with tactics on how to respond to the challenges of climate change. This book is a key aid on the improvement of our understanding of the relationships between species, the increasing and essential awareness of biodiversity, and the power of employing modern biology to build the tree of life. Provides a single reference describing the properties, history and utility of The Tree of Life Introduces phylogenetics and its applications in an approachable manner. Written by experts on the Tree of Life Includes an online companion site containing various original videos to enhance the reader’s understanding and experience

Bio-optical Modeling and Remote Sensing of Inland Waters presents the latest developments, state-of-the-art, and future perspectives of bio-optical modeling for both optically active component of inland waters, providing a broad range of applications of water quality monitoring using remote sensing. Rather than discussing optical radiometry theories, the authors explore the applications of these theories to inland aquatic environments. The book not only covers applications, but also discusses new possibilities, making the bio-optical theories operational, a concept that is of great interest to both government and private sector organizations. In addition, it addresses not only the physical theory that makes bio-optical modeling possible, but also the implementation and applications of bio-optical modeling in inland waters. Early chapters introduce the concepts of bio-optical modeling and the classification of bio-optical models and satellite capabilities both in existence and in development. Later chapters target specific optically active components (OACs) for inland waters and present the current status and future direction of bio-optical modeling for the OACs. Concluding sections provide an overview of a governance strategy for global monitoring of inland waters based on earth observation and bio-optical modeling. Presents comprehensive chapters that each target a different optically active component of inland waters Contains contributions from respected and active professionals in the field Presents applications of bio-optical modeling theories that are applicable to researchers, professionals, and government agencies

An Unnatural History

The Limits to Growth

Sapiens

Critical Metals Handbook

A Report for the Club of Rome’s Project on the Predicament of Mankind

Complex oppression towards sanikem as depicted in Toer’s ‘Earth of Mankind’

The world-renowned classic that has enthralled and delighted millions of readers with its timeless tales of gods and heroes. Edith Hamilton’s mythology succeeds like no other book in bringing to life for the modern reader the Greek, Roman and Norse myths that are the keystone of Western culture-the stories of gods and heroes that have inspired human creativity from antiquity to the present. We follow the drama of the Trojan War and the wanderings of Odysseus. We hear the tales of Jason and the Golden Fleece, Cupid and Psyche, and mighty King Midas. And we recognize reference points for countless works for art, literature and culture inquiry-from Freud’s Oedipus complex to Wagner’s Ring Cycle of operas to Eugene O’Neill’s Mourning Becomes Electra Both a reference text for scholars of all ages and a book to simply enjoy, Mythology is a classic not to be missed.

A Story of the Near and Far Future

Lord of the Flies