

The Magic Of Reality By Richard Dawkins

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Free Fall William Golding 2013-02-21 Sammy Mountjoy, artist, rises from poverty and an obscure birth to see his pictures hung in the Tate Gallery. Swept into World War Two, he is taken as a prisoner-of-war, threatened with torture, then locked in a cell of total darkness to wait. He emerges from his cell transfigured from his ordeal, and begins to realise what man can be and what he has gradually made of himself through his own choices. But did those accumulated choices also begin to deprive him of his free will.

Magic of Reality Richard Dawkins 2015-04-13 "Saya ingin menunjukkan kepada Anda bahwa dunia nyata, seperti yang dipahami lewat sains, memiliki sihirnya tersendiri--jenis yang saya sebut sihir puitis: kecantikan yang mengilhami, yang semakin ajaib karena nyata sifatnya dan karena kita bisa memahami bagaimana cara kerjanya ... Sihir realitas sungguh mengagumkan. Mengagumkan, dan nyata. Mengagumkan karena nyata." Ada berbagai pertanyaan besar yang diajukan manusia: Terbuat dari apakah segala benda? Bagaimana alam semesta bermula? Mengapa ada banyak jenis makhluk hidup? Mengapa ada siang dan malam? Dulu manusia menjawabnya dengan mitos dan legenda, kisah serba ajaib yang berusaha menjelaskan gejala alam. Kini ada penjelasan yang tak kalah ajaibnya: sains, yang menjawab pertanyaan-pertanyaan besar dengan melihat dan meneliti realitas itu sendiri, mempelajari apa yang benar-benar nyata. Inilah buku yang menyandingkan jawaban kedua jenis penjelasan itu: sihir mitos, dan sihir realitas--sains. "Saya sering dimintai rekomendasi buku sains bagus untuk pemuda. Saya tidak ragu lagi menjawabnya sekarang. Magic of Reality adalah buku indah, mudah, dan lengkap yang menjawab berbagai pertanyaan tentang alam semesta, memisahkan fiksi dan fakta." --Lawrence Krauss, Foundation Professor & Direktur Origins Project di Arizona State University, penulis Fisika Star Trek "Pengantar sains paling jernih dan apik yang pernah saya baca" --Philip Pullman

The Selfish Gene Richard Dawkins 1989 An ethologist shows man to be a gene machine whose world is one of savage competition and deceit
A Stubbornly Persistent Illusion Albert Einstein 2009-09-29 The celebrated physicist and author of A Brief History of Time brings together a single-volume compilation of the most important works by Albert Einstein, presenting his papers on the Theory of Relativity, quantum theory, statistical mechanics, the photoelectric effect, and other ground-breaking studies that transformed modern physics. 75,000 first printing.

Books do Furnish a Life Richard Dawkins 2021-05-06 'A rich feast of his essays, reviews, forewords, squibs and conversations, in which talent and passion are married to deep knowledge.' Matt Ridley 'Enjoy the unfailing clarity of his thought and prose, as well as the grandeur of his vision of life on Earth.' - Mark Cocker, Spectator 'Richard Dawkins is a thunderously gifted science writer.' Sunday Times Including conversations with

Neil DeGrasse Tyson, Steven Pinker, Matt Ridley and more, this is an essential guide to the most exciting ideas of our time and their proponents from our most brilliant science communicator. *Books Do Furnish a Life* is divided by theme, including celebrating nature, exploring humanity, and interrogating faith. For the first time, it brings together Richard Dawkins' forewords, afterwords and introductions to the work of some of the leading thinkers of our age - Carl Sagan, Lawrence Krauss, Jacob Bronowski, Lewis Wolpert - with a selection of his reviews to provide an electrifying celebration of science writing, both fiction and non-fiction. It is also a sparkling addition to Dawkins' own remarkable canon of work. Plenty of other scientists write well, but no one writes like Dawkins... here is Dawkins the teacher, the scholar, the polemicist, the joker, the aesthete, the poet, the satirist, the man of compassion as well as indignation, the slayer of superstition and, above all, the scientist. - *Areo Magazine*

Understanding Quarks Benjamin Houde 2021 "This book includes four chapters about quarks, which are a type of elementary particle and a fundamental constituent of matter. Chapter One is devoted to spectroscopy study of long-range quark-lepton strong interaction in solids as well as the origin of the mass of elementary particles. Chapter Two studies the production of top-quark pairs with a Higgs boson. Chapter Three begins with a brief historical outline of the development of the events that led to our understanding of quarks and analyzes the three families of quarks. Chapter Four discusses strange quark matter and strange quark stars as candidates for dark matter based on the Bodmer-Terazawa-Witten hypothesis"--

The Ancestor's Tale Richard Dawkins 2005 A renowned biologist provides a sweeping chronicle of more than four billion years of life on Earth, shedding new light on evolutionary theory and history, sexual selection, speciation, extinction, and genetics.

Science in the Soul Richard Dawkins 2017-08-08 NEW YORK TIMES BESTSELLER • The legendary biologist and bestselling author mounts a timely and passionate defense of science and clear thinking with this career-spanning collection of essays, including twenty pieces published in the United States for the first time. For decades, Richard Dawkins has been a brilliant scientific communicator, consistently illuminating the wonders of nature and attacking faulty logic. *Science in the Soul* brings together forty-two essays, polemics, and paeans—all written with Dawkins's characteristic erudition, remorseless wit, and unjaded awe of the natural world. Though it spans three decades, this book couldn't be more timely or more urgent. Elected officials have opened the floodgates to prejudices that have for half a century been unacceptable or at least undercover. In a passionate introduction, Dawkins calls on us to insist that reason take center stage and that gut feelings, even when they don't represent the stirred dark waters of xenophobia, misogyny, or other blind prejudice, should stay out of the voting booth. And in the essays themselves, newly annotated by the author, he investigates a number of issues, including the importance of empirical evidence, and decries bad science, religion in the schools, and climate-change deniers. Dawkins has equal ardor for "the sacred truth of nature" and renders here with typical virtuosity the glories and complexities of the natural world. Woven into an exploration of the vastness of geological time, for instance, is the peculiar history of the giant tortoises and the sea turtles—whose journeys between water and land tell us a deeper story about evolution. At this moment, when so many highly placed people still question the fact of evolution, Dawkins asks what Darwin would make of his own legacy—"a mixture of exhilaration and exasperation"—and celebrates science as possessing many of religion's virtues—"explanation, consolation, and uplift"—without its detriments of superstition and prejudice. In a world grown irrational and hostile to facts, *Science in the Soul* is an essential collection by an indispensable author. Praise for *Science in the Soul* "Compelling . . . rendered in gloriously spiky and opinionated prose . . . [Dawkins is] one of the great science popularizers of the last half-century."—*The Christian Science Monitor* "Dawkins is a ferocious polemicist, a defender of reason and enemy of superstition."—John Horgan, *Scientific American*

The Selfish Gene Richard Dawkins 2016-05-26 The million copy international bestseller, critically acclaimed and translated into over 25

languages. As influential today as when it was first published, *The Selfish Gene* has become a classic exposition of evolutionary thought. Professor Dawkins articulates a gene's eye view of evolution - a view giving centre stage to these persistent units of information, and in which organisms can be seen as vehicles for their replication. This imaginative, powerful, and stylistically brilliant work not only brought the insights of Neo-Darwinism to a wide audience, but galvanized the biology community, generating much debate and stimulating whole new areas of research. Forty years later, its insights remain as relevant today as on the day it was published. This 40th anniversary edition includes a new epilogue from the author discussing the continuing relevance of these ideas in evolutionary biology today, as well as the original prefaces and foreword, and extracts from early reviews. Oxford Landmark Science books are 'must-read' classics of modern science writing which have crystallized big ideas, and shaped the way we think.

Reality Is Not What It Seems Carlo Rovelli 2017-01-24 “The man who makes physics sexy . . . the scientist they’re calling the next Stephen Hawking.” —The Times Magazine From the New York Times—bestselling author of *Seven Brief Lessons on Physics*, *The Order of Time*, and *Helgoland*, a closer look at the mind-bending nature of the universe. What are the elementary ingredients of the world? Do time and space exist? And what exactly is reality? Theoretical physicist Carlo Rovelli has spent his life exploring these questions. He tells us how our understanding of reality has changed over the centuries and how physicists think about the structure of the universe today. In elegant and accessible prose, Rovelli takes us on a wondrous journey from Democritus to Albert Einstein, from Michael Faraday to gravitational waves, and from classical physics to his own work in quantum gravity. As he shows us how the idea of reality has evolved over time, Rovelli offers deeper explanations of the theories he introduced so concisely in *Seven Brief Lessons on Physics*. This book culminates in a lucid overview of quantum gravity, the field of research that explores the quantum nature of space and time, seeking to unify quantum mechanics and general relativity. Rovelli invites us to imagine a marvelous world where space breaks up into tiny grains, time disappears at the smallest scales, and black holes are waiting to explode—a vast universe still largely undiscovered.

The Secrets of People Who Never Get Sick Gene Stone 2012-01-15 Who does not want to be healthier? Now in paperback: the book that Andrew Weil calls “offbeat, informative, and fun . . . a great read,” and that has been praised as “a delightful dance through science” (New York Times bestselling author Mark Hyman, M.D.) and as a “remarkable and insightful book [that] offers you the chance to achieve the best health of your life” (Mark Liponis, M.D., Medical Director, Canyon Ranch). Written by bestselling author Gene Stone, *The Secrets of People Who Never Get Sick* arose from his desire to discover what might actually prevent him from getting sick himself. This book, the result of that exploration, tells the stories of twenty-five people who each possess a different secret of excellent health—a secret that makes sense and that Stone discovered has a true scientific underpinning. There are food secrets—why to take garlic and vitamin C, eat more probiotics, become a vegan, drink a tonic of brewer’s yeast. Exercise secrets—the benefits of lifting weights, the power of stretching. Environmental secrets—living in a Blue Zone, understanding the value of germs. Emotional secrets—seek out and stay in touch with friends, cultivate your spirituality. Physical secrets—nap more, take cold showers in the morning. And the wisdom that goes back generations: Yes, chicken soup works. The stories make it personal, the research makes it real, and the do-it-yourself information shows how to integrate each secret into your own life, and become the next person who never gets sick.

Joosr Guide to ... the Magic of Reality by Richard Dawkins Joosr 2015

The Magic of Reality Richard Dawkins 2011-10-04 Magic takes many forms. Supernatural magic is what our ancestors used in order to explain the world before they developed the scientific method. The ancient Egyptians explained the night by suggesting the goddess Nut swallowed the sun. The Vikings believed a rainbow was the gods’ bridge to earth. The Japanese used to explain earthquakes by conjuring a gigantic catfish that

carried the world on its back—earthquakes occurred each time it flipped its tail. These are magical, extraordinary tales. But there is another kind of magic, and it lies in the exhilaration of discovering the real answers to these questions. It is the magic of reality—science. Packed with clever thought experiments, dazzling illustrations and jaw-dropping facts, *The Magic of Reality* explains a stunningly wide range of natural phenomena. What is stuff made of? How old is the universe? Why do the continents look like disconnected pieces of a puzzle? What causes tsunamis? Why are there so many kinds of plants and animals? Who was the first man, or woman? This is a page-turning, graphic detective story that not only mines all the sciences for its clues but primes the reader to think like a scientist as well. Richard Dawkins, the world's most famous evolutionary biologist and one of science education's most passionate advocates, has spent his career elucidating the wonders of science for adult readers. But now, in a dramatic departure, he has teamed up with acclaimed artist Dave McKean and used his unrivaled explanatory powers to share the magic of science with readers of all ages. This is a treasure trove for anyone who has ever wondered how the world works. Dawkins and McKean have created an illustrated guide to the secrets of our world—and the universe beyond—that will entertain and inform for years to come.

Bryson's Dictionary for Writers and Editors Bill Bryson 2011-06-22 From one of the world's most beloved and bestselling authors, a terrifically useful and readable guide to the problems of the English language most commonly encountered by editors and writers. What is the singular form of graffiti? From what mythological figure is the word "tantalize" derived? One of the English language's most skilled writers guides us all toward precise, mistake-free usage. Covering spelling, capitalization, plurals, hyphens, abbreviations, and foreign names and phrases, Bryson's *Dictionary for Writers and Editors* will be an indispensable companion for all who care enough about our language not to maul, misuse, or contort it. As Bill Bryson notes, "English is a dazzlingly idiosyncratic tongue, full of quirks and irregularities that often seem willfully at odds with logic and common sense." This dictionary is an essential guide to the wonderfully disordered thing that is the English language.

Brief Candle in the Dark Richard Dawkins 2015-09-10 In *An Appetite for Wonder* Richard Dawkins brought us his engaging memoir of the first 35 years of his life from early childhood in Africa to publication of *The Selfish Gene* in 1976, when he shot to fame as one of the most exciting new scientists of his generation. In *Brief Candle in the Dark* he continues his autobiography, following the threads that have run through the second half of his life so far and homing in on the key individuals, institutions and ideas that inspired and motivated him. He paints a vivid picture, coloured with wit, anecdote and digression, of the twenty-five postgraduate years he spent teaching at Oxford. He pays affectionate tribute to past colleagues and students, recalling the idiosyncrasies of an establishment steeped in ancient tradition and arcane ritual while also recording his respect for the profound commitment to learning and discovery that lies at its core. He invites us to share the life of a travelling scientist, from fieldwork on the Panama Canal to conferences of stratospheric eminence in exotic locations in the company of some of the most prominent of the world's scientific luminaries. And he describes his experiences with his many publishers, television producers, interviewers and partners in debate, not least in the heady period when, after publication of *The God Delusion* in 2006, he is dubbed the world's most outspoken and controversial atheist. Most important of all, for the first time he reviews with fresh and stimulating insights the evolving narrative of his ideas about science over the course of his highly distinguished career as thinker, teacher and writer. In *Brief Candle in the Dark* we are invited to enter with him a constantly stimulating world of discovery and to meet a fascinating cast of exceptional characters described by the talented pen of one of the most exceptional of them all.

Evolutionary Perspectives on Human Sexual Psychology and Behavior Viviana A. Weekes-Shackelford 2014-07-08 This volume in the Springer Series in Evolutionary Psychology presents a state of the art view of the topic of sexuality and sexual behavior drawing on theoretical constructs and research of noted individuals in the field. Comprehensive and multi-disciplinary, this book seeks to provide a broad overview without sacrificing the complexity of a multi-faceted approach. The book is framed by introductory and closing sections that provide a context for the

range of ideas contained within. Ample space is provided in designated sections that focus on key areas of sexuality from both male and female perspectives and that include information from primate studies. This volume can serve as a graduate text in sexual behavior in evolutionary terms and as a guide for further research.

The Illustrated Magic of Reality Richard Dawkins 2012-09-11 Addresses key scientific questions previously explained by rich mythologies, from the evolution of the first humans and the life cycle of stars to the principles of a rainbow and the origins of the universe.

The Oxford Book of Modern Science Writing Richard Dawkins 2009 Selected and introduced by Richard Dawkins, The Oxford Book of Modern Science Writing is a celebration of the finest writing by scientists for a wider audience - revealing that many of the best scientists have displayed as much imagination and skill with the pen as they have in the laboratory. This is a rich and vibrant collection that captures the poetry and excitement of communicating scientific understanding and scientific effort from 1900 to the present day. Professor Dawkins has included writing from a diverse range of scientists, some of whom need no introduction, and some of whose works have become modern classics, while others may be less familiar - but all convey the passion of great scientists writing about their science.

A Force for Good Daniel Goleman 2015-06-23 For more than half a century, in such books as *The Art of Happiness* and *The Dalai Lama's Little Book of Inner Peace*, the Dalai Lama has guided us along the path to compassion and taught us how to improve our inner lives. In *A Force for Good*, with the help of his longtime friend Daniel Goleman, the New York Times bestselling author of *Emotional Intelligence*, the Dalai Lama explains how to turn our compassionate energy outward. This revelatory and inspiring work provides a singular vision for transforming the world in practical and positive ways. Much more than just the most prominent exponent of Tibetan Buddhism, the Fourteenth Dalai Lama is also a futurist who possesses a profound understanding of current events and a remarkable cannyness for modern social issues. When he takes the stage worldwide, people listen. *A Force for Good* combines the central concepts of the Dalai Lama, empirical evidence that supports them, and true stories of people who are putting his ideas into action—showing how harnessing positive energies and directing them outward has lasting and meaningful effects. Goleman details the science of compassion and how this singular guiding motivation has the power to • break such destructive social forces as corruption, collusion, and bias • heal the planet by refocusing our concerns toward our impact on the systems that support all life • reverse the tendency toward systemic inequity through transparency and accountability • replace violence with dialogue • counter us-and-them thinking by recognizing human oneness • create new economic systems that work for everyone, not just the powerful and rich • design schooling that teaches empathy, self-mastery, and ethics Millions of people have turned to the Dalai Lama for his unparalleled insight into living happier, more purposeful lives. Now, when the world needs his guidance more than ever, he shows how every compassion-driven human act—no matter how small—is integral for a more peaceful, harmonious world, building a force for a better future. Revelatory, motivating, and highly persuasive, *A Force for Good* is arguably the most important work from one of the world's most influential spiritual and political figures. Praise for *A Force for Good* “*A Force for Good* offers ideas that every individual can work with and build on, ranging from things that help the environment to things that help the less fortunate. [It's] a long-range, global plan from a brilliant futuristic thinker, so this is a book that can be of value to any human living on Earth. When you're ready for a jolt of optimism, pick up this book.”—Pop Culture Nerd “Far from being a self-help book, this examines specific ideas espoused by the Dalai Lama, such as emotional hygiene, compassionate economy, and education of the heart that can make the world a better place. An optimistic and thoughtful primer with practical applications.”—Booklist

Rescuing the Planet Tony Hiss 2022-03-22 An urgent, resounding call to protect 50 percent of the earth's land by 2050—thereby saving millions of its species—and a candid assessment of the health of our planet and our role in conserving it, from the award-winning author of *The Experience of Place* and veteran New Yorker staff writer. “An upbeat and engaging account of the remarkable progress being made to preserve

vast wild spaces for animals to roam." —The Wall Street Journal Beginning in the vast North American Boreal Forest that stretches through Canada, and roving across the continent, from the Northern Sierra to Alabama's Paint Rock Forest, from the Appalachian Trail to a ranch in Mexico, Tony Hiss sets out on a journey to take stock of the "superorganism" that is the earth: its land, its elements, its plants and animals, its greatest threats--and what we can do to keep it, and ourselves, alive. Hiss not only invites us to understand the scope and gravity of the problems we face, but also makes the case for why protecting half the land is the way to fix those problems. He highlights the important work of the many groups already involved in this fight, such as the Indigenous Leadership Initiative, the Yellowstone to Yukon Conservation Initiative, and the global animal tracking project ICARUS. And he introduces us to the engineers, geologists, biologists, botanists, oceanographers, ecologists, and other "Half Earthers" like Hiss himself who are allied in their dedication to the unifying, essential cause of saving our own planet from ourselves. Tender, impassioned, curious, and above all else inspiring, *Rescuing the Planet* is a work that promises to make all of us better citizens of the earth.

Quantum Man: Richard Feynman's Life in Science (Great Discoveries) Lawrence M. Krauss 2012-03-26 Traces the colorful, turbulent life of the Nobel Prize-winning physicist, from the death of his childhood sweetheart during the Manhattan Project to his rise as an icon in the scientific community.

The God Delusion. 10th Anniversary Edition Richard Dawkins 2016-05-19 The God Delusion caused a sensation when it was published in 2006. Within weeks it became the most hotly debated topic, with Dawkins himself branded as either saint or sinner for presenting his hard-hitting, impassioned rebuttal of religion of all types. His argument could hardly be more topical. While Europe is becoming increasingly secularized, the rise of religious fundamentalism, whether in the Middle East or Middle America, is dramatically and dangerously dividing opinion around the world. In America, and elsewhere, a vigorous dispute between 'intelligent design' and Darwinism is seriously undermining and restricting the teaching of science. In many countries religious dogma from medieval times still serves to abuse basic human rights such as women's and gay rights. And all from a belief in a God whose existence lacks evidence of any kind. Dawkins attacks God in all his forms. He eviscerates the major arguments for religion and demonstrates the supreme improbability of a supreme being. He shows how religion fuels war, foments bigotry and abuses children. The God Delusion is a brilliantly argued, fascinating polemic that will be required reading for anyone interested in this most emotional and important subject.

Outgrowing God Richard Dawkins 2019-10-08 Should we believe in God? In this brisk introduction to modern atheism, one of the world's greatest science writers tells us why we shouldn't. Richard Dawkins was fifteen when he stopped believing in God. Deeply impressed by the beauty and complexity of living things, he'd felt certain they must have had a designer. Learning about evolution changed his mind. Now one of the world's best and bestselling science communicators, Dawkins has given readers, young and old, the same opportunity to rethink the big questions. In twelve fiercely funny, mind-expanding chapters, Dawkins explains how the natural world arose without a designer—the improbability and beauty of the “bottom-up programming” that engineers an embryo or a flock of starlings—and challenges head-on some of the most basic assumptions made by the world's religions: Do you believe in God? Which one? Is the Bible a “Good Book”? Is adhering to a religion necessary, or even likely, to make people good to one another? Dissecting everything from Abraham's abuse of Isaac to the construction of a snowflake, *Outgrowing God* is a concise, provocative guide to thinking for yourself. Praise for *Outgrowing God* “My son came home from his first day in the sixth grade with arms outstretched plaintively demanding to know: ‘Have you ever heard of Jesus?’ We burst out laughing. Maybe not our finest parenting moment, given that he was genuinely distraught. He felt that he had woken up one day to a world in which his peers were expressing beliefs he found frighteningly unreasonable. He began devouring books like *The God Delusion*, books that helped him formulate his

own arguments and helped him stand his ground. Dawkins's new book is special in the terrain of atheists' pleas for humanism and rationalism precisely since it speaks to those most vulnerable to the coercive tactics of religion. As Dawkins himself says in the dedication, this book is for 'all young people when they're old enough to decide for themselves.' It is also, I must add, for their parents."—Janna Levin, author of *Black Hole Blues* "When someone is considering atheism I tell them to read the Bible first and then Dawkins. *Outgrowing God*—second only to the Bible!"—Penn Jillette, author of *God, No!*

My Name Is Stardust Bailey Harris 2020-09 Everything in our solar system is made of stardust, including YOU! This beautiful scientific fact helps us understand our connection to the cosmos and everything in the world around us. A wondrous STEM book for children which explores the formation of our solar system, our planets, and evolution on our magnificent planet Earth. Written by a father daughter duo and edited by Dr. Eric Meikle, former Education Project Director at the National Center for Science Education, to include both science fact and wonderment. A full glossary of scientific terms are included at the back of the book. *My Name is Stardust* is fully illustrated in watercolor and is a beautiful book that gets children excited about science and their connection to the cosmos. ?

The Blind Watchmaker 2010

Unweaving the Rainbow Richard Dawkins 2000-04-05 From the New York Times—bestselling author of *Science in the Soul*. "If any recent writing about science is poetic, it is this" (*The Wall Street Journal*). Did Sir Isaac Newton "unweave the rainbow" by reducing it to its prismatic colors, as John Keats contended? Did he, in other words, diminish beauty? Far from it, says acclaimed scientist Richard Dawkins; Newton's unweaving is the key too much of modern astronomy and to the breathtaking poetry of modern cosmology. Mysteries don't lose their poetry because they are solved: the solution often is more beautiful than the puzzle, uncovering deeper mysteries. With the wit, insight, and spellbinding prose that have made him a bestselling author, Dawkins takes up the most important and compelling topics in modern science, from astronomy and genetics to language and virtual reality, combining them in a landmark statement of the human appetite for wonder. This is the book Dawkins was meant to write: A brilliant assessment of what science is (and isn't), a tribute to science not because it is useful but because it is uplifting. "A love letter to science, an attempt to counter the perception that science is cold and devoid of aesthetic sensibility . . . Rich with metaphor, passionate arguments, wry humor, colorful examples, and unexpected connections, Dawkins' prose can be mesmerizing." —San Francisco Chronicle "Brilliance and wit." —The New Yorker

The Magic of Reality Richard Dawkins 2012-09-11 An elegant, text-only paperback edition of the New York Times bestseller that's been hailed as the definitive authority on...everything. Richard Dawkins, bestselling author and the world's most celebrated evolutionary biologist, has spent his career elucidating the many wonders of science. Here, he takes a broader approach and uses his unrivaled explanatory powers to illuminate the ways in which the world really works. Filled with clever thought experiments and jaw-dropping facts, *The Magic of Reality* explains a stunningly wide range of natural phenomena: How old is the universe? Why do the continents look like disconnected pieces of a jigsaw puzzle? What causes tsunamis? Why are there so many kinds of plants and animals? Who was the first man, or woman? Starting with the magical, mythical explanations for the wonders of nature, Dawkins reveals the exhilarating scientific truths behind these occurrences. This is a page-turning detective story that not only mines all the sciences for its clues but primes the reader to think like a scientist as well.

A Short History of London Simon Jenkins 2019-10-10 'Fascinating and timely. Required reading for every developer, planner or councillor who holds London in trust today' Griff Rhys Jones 'Accessible, clear and readable' Rowan Moore, *The Observer* _____

LONDON: a settlement founded by the Romans, occupied by the Saxons, conquered by the Danes and ruled by the Normans. This unremarkable place - not even included in the Domesday Book - became a medieval maze of alleys and courtyards, later to be chequered with

grand estates of Georgian splendour. It swelled with industry and became the centre of the largest empire in history. And rising from the rubble of the Blitz, it is now one of the greatest cities in the world. From the prehistoric occupants of the Thames valley to the preoccupied commuters of today, Simon Jenkins brings together the key events, individuals and trends in London's history to create a matchless portrait of the capital.

_____ 'A vivid and deeply well-informed account of London's history' Charles Saumarez Smith, Professor of Cultural History, Queen Mary University of London 'Extremely informative and witty' Roy Porter, author of London: A Social History on Landlords to London 'A short, invigorating gallop over two and a half thousand years' Scotsman on A Short History of Europe

The Greatest Show on Earth Richard Dawkins 2009-09-22 Richard Dawkins transformed our view of God in his blockbuster, The God Delusion, which sold millions of copies in English alone. He revolutionized the way we see natural selection in the seminal bestseller The Selfish Gene. Now, he launches a fierce counterattack against proponents of "Intelligent Design" in his New York Times bestseller, The Greatest Show on Earth. "Intelligent Design" is being taught in our schools; educators are being asked to "teach the controversy" behind evolutionary theory. There is no controversy. Dawkins sifts through rich layers of scientific evidence—from living examples of natural selection to clues in the fossil record; from natural clocks that mark the vast epochs wherein evolution ran its course to the intricacies of developing embryos; from plate tectonics to molecular genetics—to make the airtight case that "we find ourselves perched on one tiny twig in the midst of a blossoming and flourishing tree of life and it is no accident, but the direct consequence of evolution by non-random selection." His unjaded passion for the natural world turns what might have been a negative argument, exposing the absurdities of the creationist position, into a positive offering to the reader: nothing less than a master's vision of life, in all its splendor.

Flights of Fancy Richard Dawkins 2021-11-11 Richard Dawkins explores the wonder of flight. A book for ages 8-80 about flying – from the mythical Icarus, to the sadly extinct but magnificent bird *Argentavis magnificens*, to the British Airways pilots of today.

God, No! Penn Jillette 2012-06-05 The outspoken half of magic duo Penn & Teller presents an atheistic reinterpretation of the Ten Commandments, discussing why doubt, skepticism, and wonder should be celebrated and offering humorous stories from his own experiences.

Climbing Mount Improbable Richard Dawkins 1997-09-17 A brilliant book celebrating improbability as the engine that drives life, by the acclaimed author of The Selfish Gene and The Blind Watchmaker. The human eye is so complex and works so precisely that surely, one might believe, its current shape and function must be the product of design. How could such an intricate object have come about by chance? Tackling this subject—in writing that the New York Times called "a masterpiece"—Richard Dawkins builds a carefully reasoned and lovingly illustrated argument for evolutionary adaptation as the mechanism for life on earth. The metaphor of Mount Improbable represents the combination of perfection and improbability that is epitomized in the seemingly "designed" complexity of living things. Dawkins skillfully guides the reader on a breathtaking journey through the mountain's passes and up its many peaks to demonstrate that following the improbable path to perfection takes time. Evocative illustrations accompany Dawkins's eloquent descriptions of extraordinary adaptations such as the teeming populations of figs, the intricate silken world of spiders, and the evolution of wings on the bodies of flightless animals. And through it all runs the thread of DNA, the molecule of life, responsible for its own destiny on an unending pilgrimage through time. Climbing Mount Improbable is a book of great impact and skill, written by the most prominent Darwinian of our age.

Why Darwin Matters Michael Shermer 2007-04-01 A creationist-turned-scientist demonstrates the facts of evolution and exposes Intelligent Design's real agenda Science is on the defensive. Half of Americans reject the theory of evolution and "Intelligent Design" campaigns are gaining ground. Classroom by classroom, creationism is overthrowing biology. In Why Darwin Matters, bestselling author Michael Shermer explains how the newest brand of creationism appeals to our predisposition to look for a designer behind life's complexity. Shermer decodes the scientific

evidence to show that evolution is not "just a theory" and illustrates how it achieves the design of life through the bottom-up process of natural selection. Shermer, once an evangelical Christian and a creationist, argues that Intelligent Design proponents are invoking a combination of bad science, political antipathy, and flawed theology. He refutes their pseudoscientific arguments and then demonstrates why conservatives and people of faith can and should embrace evolution. He then appraises the evolutionary questions that truly need to be settled, building a powerful argument for science itself. Cutting the politics away from the facts, *Why Darwin Matters* is an incisive examination of what is at stake in the debate over evolution.

The Good Man Jesus and the Scoundrel Christ Philip Pullman 2010-04-21 A thought-provoking retelling of the Gospel story from an atheist perspective. Upon its hardcover publication, renowned author Philip Pullman's *The Good Man Jesus and the Scoundrel Christ* provoked heated debates and stirred a frenzy of controversy throughout the clerical and literary worlds alike with its bold retelling of the life of Jesus Christ. In this remarkable piece of fiction, famously atheistic author Philip Pullman challenges the events of the Gospels and puts forward his own compelling and plausible version of the life of Jesus. Written with unstinting authority, *The Good Man Jesus and the Scoundrel Christ* is a pithy, erudite, subtle, and powerful book by a beloved author, a text to be read and reread, studied and unpacked, much like the Good Book itself. "The erudite fantasy author, Philip Pullman, makes explicit his complaint against Christian dogma with [this] challenging deconstruction of the Gospels." —Entertainment Weekly "Inspiring . . . Again and again, [Pullman] displays a marvelous sense of the elemental power of Jesus's instructions and parables." —The Washington Post

A Devil's Chaplain Richard Dawkins 2004-10-27 Essays on morality, mortality, and much more from the New York Times—bestselling author of *The Selfish Gene* and *The God Delusion*. This early collection of essays from renowned evolutionary biologist Richard Dawkins is an enthusiastic declaration, a testament to the power of rigorous scientific examination to reveal the wonders of the world. In these essays, Dawkins revisits the meme, the unit of cultural information that he named and wrote about in his groundbreaking work, *The Selfish Gene*. Here also are moving tributes to friends and colleagues, including a eulogy for novelist Douglas Adams, author of *The Hitchhiker's Guide to the Galaxy*; correspondence with fellow biologist Stephen Jay Gould; commentary on the events of 9/11; and visits with the famed paleoanthropologists Richard and Meave Leakey at their African wildlife preserve. Ending with a vivid note to Dawkins's ten-year-old daughter, reminding her to remain curious, ask questions, and live the examined life, *A Devil's Chaplain* is a fascinating read by "a man of firm opinions, which he expresses with clarity and punch" (*Scientific American*).

The Dawkins Delusion? Alister McGrath 2011-06-18 Alister McGrath and Joanna Collicutt McGrath present a reliable assessment of *The God Delusion* by Richard Dawkins, famed atheist and scientist, and the many questions this book raises—including, above all, the relevance of faith and the quest for meaning.

How To Keep Dinosaurs Robert Mash 2020-10-15 Perfect Christmas gift for any dinosaur enthusiast! 'Who could resist a handbook about potential pets that has a little symbol for "likes children" and a separate one for "likes children to eat"... wonderful' GUARDIAN Hollywood and the popular press would have us believe that all dinosaurs are gigantic, hostile and untameable. In fact, there are many species that make charming and even useful companions: Velociraptor - a splendid, loyal, fierce, friend Deinonychus - will not eat dog food (dogs are another matter) Tyrannosaurus - least suitable to keep; will need special licence Ornithomimus - an appealing first dinosaur for the child anxious for her first ride This book advises you which dinosaur is right for you and your home, from the city apartment dweller looking for a lap pet, to the country estate owner looking to tighten up on security. HOW TO KEEP DINOSAURS is a bestselling guide, packed with the sort of information keen dinosaur keepers crave - from feeding and housing to curing common ailments, breeding and showing your animal. The author, a zoologist with extensive

experience of dinosaurs, has provided a timely and much-needed source book for all those who keep dinosaurs and for the huge numbers who are contemplating getting one. It is as essential to every dinosaur keeper as a stout shovel and a tranquilliser rifle.

Geek Dad Ken Denmead 2010-05-04 The ultimate DIY project guide for techie dads raising kids in their own geeky image, in the spirit of The Dangerous Book for Boys Today's generation of dads grew up more tech-savvy than ever. Rather than joining the Little League team, many grew up playing computer games, Dungeons and Dragons, and watching Star Wars. Now with kids of their own, these digital-age dads are looking for fresh ways to share their love of science and technology, and help their kids develop a passion for learning and discovery. Enter supergeek, and father of two, Ken Denmead. An engineer and editor of the incredibly popular GeekDad blog on wired.com, Ken has created the ultimate, idea-packed guide guaranteed to help dads and kids alike enjoy the magic of playtime together and tap into the infinite possibility of their imagination. With illustrations throughout, this book offers projects for all ages to suit any timeframe or budget. With Denmead's expert guidance, you and your child can:

- Fly a night-time kite ablaze with lights or launch a video camera with balloons
- Construct the "Best Slip n' Slide Ever," a guaranteed thrill ride
- Build a working lamp with LEGO bricks and CDs
- Create a customized comic strip or your own board game
- Transform any room into a spaceship
- Make geeky crafts like cyborg jack-o'-lanterns or Ethernet cuff links

Brimming with endlessly fun and futuristic tidbits on everything from gaming to gadgets, GeekDad helps every tech-savvy father unleash his inner kid-and bond with the next generation of brainiacs.

Watch a Video

The Magic of Reality Richard Dawkins 2012-09-11 The best-selling author of The God Delusion and the artist of such award-winning graphic novels as Wizard and Glass address key scientific questions previously explained by rich mythologies, from the evolution of the first humans and the life cycle of stars to the principles of a rainbow and the origins of the universe. 150,000 first printing.

Creation Steve Grand 2001 Mankind now has within its grasp the power to synthesize true artificial life, playing out Dr Frankenstein's dream in both cyberspace and the real world. In this book, Steve Grand, a leading exponent of artificial life, provides the first authoritative and comprehensive tour of the frontiers of this burgeoning new creation. He surveys what has been achieved so far and looks at future possibilities for generating autonomous, intelligent, even conscious living things. The fundamental questions he tackles range widely: what is life? What should the minds, brains and bodies of these new life forms be like? What philosophical guidelines and computational frameworks are necessary? At the heart of this brilliantly accessible and thought-provoking book is the author's unique imaginative vision - a vision based on his experience of making some of the most advanced artificial life currently available.