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The Nicomachean Ethics

The extraordinary and wonderful adventures which
befall Phileas Fogg and his servant Passepartout when
they set out to win a bet by going round the world in
eighty days.

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Scheme

A bright, science-minded boy goes to the beach equipped to collect and examine flotsam--anything floating that has been washed ashore. Bottles, lost toys, small objects of every description are among his usual finds. But there's no way he could have prepared for one particular discovery: a barnacle-encrusted underwater camera, with its own secrets to share . . . and to keep. Each of David Wiesner's amazing picture books has revealed the magical possibilities of some ordinary thing or happening--a frog on a lily pad, a trip to the Empire State Building, a well-known nursery tale. In this Caldecott Medal winner, a day at the beach is the springboard into a wildly imaginative exploration of the mysteries of the deep, and of the qualities that enable us to witness these wonders and delight in them.

The Johnson Solids and Their Duals - Data Files (Part 4)

The great biologist Louis Pasteur suppressed 'awkward' data because it didn't support the case he was making. John Snow, the 'first epidemiologist' was doing nothing others had not done before. Gregor Mendel, the supposed 'founder of genetics' never grasped the fundamental principles of 'Mendelian' genetics. Joseph Lister's famously clean hospital wards were actually notorious dirty. And Einstein's general relativity was only 'confirmed' in 1919 because an eminent British scientist cooked his figures. These are just some of the revelations

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explored in this book. Drawing on current history of science scholarship, Fabulous Science shows that many of our greatest heroes of science were less than honest about their experimental data and not above using friends in high places to help get their ideas accepted. It also reveals that the alleged revolutionaries of the history of science were often nothing of the sort. Prodigiously able they may have been, but the epithet of the 'man before his time' usually obscures vital contributions made their unsung contemporaries and the intrinsic merits of ideas they overturned. These distortions of the historical record mostly arise from our tendency to read the present back into the past. But in many cases, scientists owe their immortality to a combination of astonishing effrontery and their skills as self-promoters.

Emotional Agility

How did life evolve on Earth? The answer to this question can help us understand our past and prepare for our future. Although evolution provides credible and reliable answers, polls show that many people turn away from science, seeking other explanations with which they are more comfortable. In the book *Science, Evolution, and Creationism*, a group of experts assembled by the National Academy of Sciences and the Institute of Medicine explain the fundamental methods of science, document the overwhelming evidence in support of biological evolution, and evaluate the alternative perspectives offered by advocates of various kinds of creationism,

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including "intelligent design." The book explores the many fascinating inquiries being pursued that put the science of evolution to work in preventing and treating human disease, developing new agricultural products, and fostering industrial innovations. The book also presents the scientific and legal reasons for not teaching creationist ideas in public school science classes. Mindful of school board battles and recent court decisions, *Science, Evolution, and Creationism* shows that science and religion should be viewed as different ways of understanding the world rather than as frameworks that are in conflict with each other and that the evidence for evolution can be fully compatible with religious faith. For educators, students, teachers, community leaders, legislators, policy makers, and parents who seek to understand the basis of evolutionary science, this publication will be an essential resource.

Alligators and Crocodiles Fun Facts For Kids

Young readers will delight in the colorful photographs exploring the lives of birds. *Baby Birds* explores the robin's life cycle, while the other titles examine various types of eggs, nests, and families.

The Life You Can Save

This book is written for high school and college students learning about probability for the first time. It will appeal to the reader who has a healthy level of enthusiasm for understanding how and why the

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various results of probability come about. All of the standard introductory topics in probability are covered: combinatorics, the rules of probability, Bayes' theorem, expectation value, variance, probability density, common distributions, the law of large numbers, the central limit theorem, correlation, and regression. Calculus is not a prerequisite, although a few of the problems do involve calculus. These are marked clearly. The book features 150 worked-out problems in the form of examples in the text and solved problems at the end of each chapter. These problems, along with the discussions in the text, will be a valuable resource in any introductory probability course, either as the main text or as a helpful supplement.

ALA Filing Rules

Science, engineering, and technology permeate nearly every facet of modern life and hold the key to solving many of humanity's most pressing current and future challenges. The United States' position in the global economy is declining, in part because U.S. workers lack fundamental knowledge in these fields. To address the critical issues of U.S. competitiveness and to better prepare the workforce, A Framework for K-12 Science Education proposes a new approach to K-12 science education that will capture students' interest and provide them with the necessary foundational knowledge in the field. A Framework for K-12 Science Education outlines a broad set of expectations for students in science and engineering in grades K-12. These expectations will inform the

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development of new standards for K-12 science education and, subsequently, revisions to curriculum, instruction, assessment, and professional development for educators. This book identifies three dimensions that convey the core ideas and practices around which science and engineering education in these grades should be built. These three dimensions are: crosscutting concepts that unify the study of science through their common application across science and engineering; scientific and engineering practices; and disciplinary core ideas in the physical sciences, life sciences, and earth and space sciences and for engineering, technology, and the applications of science. The overarching goal is for all high school graduates to have sufficient knowledge of science and engineering to engage in public discussions on science-related issues, be careful consumers of scientific and technical information, and enter the careers of their choice. A Framework for K-12 Science Education is the first step in a process that can inform state-level decisions and achieve a research-grounded basis for improving science instruction and learning across the country. The book will guide standards developers, teachers, curriculum designers, assessment developers, state and district science administrators, and educators who teach science in informal environments.

Attached

Scores of talented and dedicated people serve the forensic science community, performing vitally important work. However, they are often constrained

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by lack of adequate resources, sound policies, and national support. It is clear that change and advancements, both systematic and scientific, are needed in a number of forensic science disciplines to ensure the reliability of work, establish enforceable standards, and promote best practices with consistent application. *Strengthening Forensic Science in the United States: A Path Forward* provides a detailed plan for addressing these needs and suggests the creation of a new government entity, the National Institute of Forensic Science, to establish and enforce standards within the forensic science community. The benefits of improving and regulating the forensic science disciplines are clear: assisting law enforcement officials, enhancing homeland security, and reducing the risk of wrongful conviction and exoneration. *Strengthening Forensic Science in the United States* gives a full account of what is needed to advance the forensic science disciplines, including upgrading of systems and organizational structures, better training, widespread adoption of uniform and enforceable best practices, and mandatory certification and accreditation programs. While this book provides an essential call-to-action for congress and policy makers, it also serves as a vital tool for law enforcement agencies, criminal prosecutors and attorneys, and forensic science educators.

Physics First

Learn the differences between Mr. Alligator and Mrs. Crocodile in this easy-to-understand book. The pictures are spot-on and are complete with vibrant

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colors so similarities and differences are easy to distinguish. The use of this educational book is recommended for children below 10 years old, and across all types of learners. Secure a copy today!

Chemistry First

By the New York Times bestselling author of *The Bone Clocks* | Shortlisted for the Man Booker Prize A postmodern visionary and one of the leading voices in twenty-first-century fiction, David Mitchell combines flat-out adventure, a Nabokovian love of puzzles, a keen eye for character, and a taste for mind-bending, philosophical and scientific speculation in the tradition of Umberto Eco, Haruki Murakami, and Philip K. Dick. The result is brilliantly original fiction as profound as it is playful. In this groundbreaking novel, an influential favorite among a new generation of writers, Mitchell explores with daring artistry fundamental questions of reality and identity. *Cloud Atlas* begins in 1850 with Adam Ewing, an American notary voyaging from the Chatham Isles to his home in California. Along the way, Ewing is befriended by a physician, Dr. Goose, who begins to treat him for a rare species of brain parasite. . . . Abruptly, the action jumps to Belgium in 1931, where Robert Frobisher, a disinherited bisexual composer, contrives his way into the household of an infirm maestro who has a beguiling wife and a nubile daughter. . . . From there we jump to the West Coast in the 1970s and a troubled reporter named Luisa Rey, who stumbles upon a web of corporate greed and murder that threatens to claim her life. . . . And onward, with dazzling virtuosity, to an inglorious

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present-day England; to a Korean superstate of the near future where neocapitalism has run amok; and, finally, to a postapocalyptic Iron Age Hawaii in the last days of history. But the story doesn't end even there. The narrative then boomerangs back through centuries and space, returning by the same route, in reverse, to its starting point. Along the way, Mitchell reveals how his disparate characters connect, how their fates intertwine, and how their souls drift across time like clouds across the sky. As wild as a videogame, as mysterious as a Zen koan, *Cloud Atlas* is an unforgettable tour de force that, like its incomparable author, has transcended its cult classic status to become a worldwide phenomenon. Praise for *Cloud Atlas* “[David] Mitchell is, clearly, a genius. He writes as though at the helm of some perpetual dream machine, can evidently do anything, and his ambition is written in magma across this novel’s every page.”—The New York Times Book Review “One of those how-the-holy-hell-did-he-do-it? modern classics that no doubt is—and should be—read by any student of contemporary literature.”—Dave Eggers “Wildly entertaining . . . a head rush, both action-packed and chillingly ruminative.”—People “The novel as series of nested dolls or Chinese boxes, a puzzle-book, and yet—not just dazzling, amusing, or clever but heartbreaking and passionate, too. I’ve never read anything quite like it, and I’m grateful to have lived, for a while, in all its many worlds.”—Michael Chabon “*Cloud Atlas* ought to make [Mitchell] famous on both sides of the Atlantic as a writer whose fearlessness is matched by his talent.”—The Washington Post Book World “Thrilling . . . One of the biggest joys in *Cloud Atlas* is watching Mitchell sashay

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from genre to genre without a hitch in his dance step.”—Boston Sunday Globe “Grand and elaborate . . . [Mitchell] creates a world and language at once foreign and strange, yet strikingly familiar and intimate.”—Los Angeles Times From the Hardcover edition.

Who We Are and How We Got Here

This work contains Aristototele's views on what makes a good human life. It has served as an influence on the history of ideas and offers insights into the human condition.

Strengthening Forensic Science in the United States

Presents an illustrated guide to the universe and to Earth's relationship to it, moving from theories of creation to humankind's discovery of the cosmos, to general relativity, to space missions, and beyond.

Reference manual on scientific evidence

The Audacity of Faith is about the greatest five-letter word in the English language: FAITH, and about how critical it is to our survival, whether or not we are Christians.

Why Free Will Is Real

The Life Eaters

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'My first serious blackout marked the line between sanity and insanity. Though I would have moments of lucidity over the coming days and weeks, I would never again be the same person ' Susannah Cahalan was a happy, clever, healthy twenty-four-year old. Then one day she woke up in hospital, with no memory of what had happened or how she had got there. Within weeks, she would be transformed into someone unrecognizable, descending into a state of acute psychosis, undergoing rages and convulsions, hallucinating that her father had murdered his wife; that she could control time with her mind. Everything she had taken for granted about her life, and who she was, was wiped out. Brain on Fire is Susannah's story of her terrifying descent into madness and the desperate hunt for a diagnosis, as, after dozens of tests and scans, baffled doctors concluded she should be confined in a psychiatric ward. It is also the story of how one brilliant man, Syria-born Dr Najar, finally proved - using a simple pen and paper - that Susannah's psychotic behaviour was caused by a rare autoimmune disease attacking her brain. His diagnosis of this little-known condition, thought to have been the real cause of devil-possession through history, saved her life, and possibly the lives of many others. Cahalan takes readers inside this newly-discovered disease through the progress of her own harrowing journey, piecing it together using memories, journals, hospital videos and records. Written with passionate honesty and intelligence, Brain on Fire is a searingly personal yet universal book, which asks what happens when your identity is suddenly destroyed, and how you get it back. 'With

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eagle-eye precision and brutal honesty, Susannah Cahalan turns her journalistic gaze on herself as she bravely looks back on one of the most harrowing and unimaginable experiences one could ever face: the loss of mind, body and self. Brain on Fire is a mesmerizing story' -Mira Bartók, New York Times bestselling author of The Memory Palace Susannah Cahalan is a reporter on the New York Post, and the recipient of the 2010 Silurian Award of Excellence in Journalism for Feature Writing. Her writing has also appeared in the New York Times, and is frequently picked up by the Daily Mail, Gawker, Gothamist, AOL and Yahoo among other news aggregator sites.

Brain On Fire: My Month of Madness

This is the last of four volumes of the data files that were used to generate much of the data which are compiled in the book "The Johnson Solids and Their Duals." It has been provided for the assistance of others who might wish to perform their own study of the Johnson solids.

Cloud Atlas

Introduces the theory of adult attachment as an advanced relationship science that can enable individuals to find and sustain love, offering insight into the roles of genetics and early family life in how people approach relationships.

Leviathan

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More schools are choosing to teach single subject science to their lower secondary students, and in particular their most able students. This First series has been developed especially to meet that need. Chemistry First covers all the chemical processes that you need for Key Stage 3 of the National Curriculum, with some overlap with physics, and shows the effect of chemistry on our everyday lives. Key Points: Complete coverage of Key Stage 3 Programmes of Study and Common Entrance requirements Solid foundation for GCSE with material up to Level 8 Topics presented over two or four pages in an information-based, no-nonsense approach Questions and activities to check understanding of the main ideas and to prepare for exams Material that will stimulate, challenge and motivate your brightest and most able students Questions on every page provide you with ready-made material for extension

Probability

Bullshit Jobs

Scheme's essential features, listed below, are surveyed in this book. * Symbolic expressions are used to represent both code and data. * Functions-or more generally, procedures- are first-class values that can be stored in data structures and passed to and returned from other functions. * Closures provide the convenience of lexical scoping. * Tail recursive algorithms execute with the same efficiency as imperative loops. * Continuations allow Scheme to be

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extended with user-defined, dynamic flow control mechanisms such as exception handling, co-routines, nondeterministic backtracking, and logic variables, to name a few. * Scheme's hygienic syntax extension mechanism puts user-defined syntax on an equal footing with its own syntax. These essential features make Scheme one of the most expressive, extensible, yet minimal computer languages in existence. The purpose of this book is to expedite the reader's learning of Scheme or to serve as a quick reference.

Brainspotting

The best-selling author of *Why Evolution Is True* discusses the negative role of religion in education, politics, medicine and social policy, explaining how religion cannot provide verifiable or responsible answers to world problems.

The Science of Interstellar

INSTANT NEW YORK TIMES BESTSELLER "One of the most important books I've ever read—an indispensable guide to thinking clearly about the world." – Bill Gates "Hans Rosling tells the story of 'the secret silent miracle of human progress' as only he can. But *Factfulness* does much more than that. It also explains why progress is so often secret and silent and teaches readers how to see it clearly."
—Melinda Gates "*Factfulness* by Hans Rosling, an outstanding international public health expert, is a hopeful book about the potential for human progress when we work off facts rather than our inherent

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biases." - Former U.S. President Barack Obama

Factfulness: The stress-reducing habit of only carrying opinions for which you have strong supporting facts. When asked simple questions about global trends—what percentage of the world’s population live in poverty; why the world’s population is increasing; how many girls finish school—we systematically get the answers wrong. So wrong that a chimpanzee choosing answers at random will consistently outguess teachers, journalists, Nobel laureates, and investment bankers. In Factfulness, Professor of International Health and global TED phenomenon Hans Rosling, together with his two long-time collaborators, Anna and Ola, offers a radical new explanation of why this happens. They reveal the ten instincts that distort our perspective—from our tendency to divide the world into two camps (usually some version of us and them) to the way we consume media (where fear rules) to how we perceive progress (believing that most things are getting worse). Our problem is that we don’t know what we don’t know, and even our guesses are informed by unconscious and predictable biases. It turns out that the world, for all its imperfections, is in a much better state than we might think. That doesn’t mean there aren’t real concerns. But when we worry about everything all the time instead of embracing a worldview based on facts, we can lose our ability to focus on the things that threaten us most. Inspiring and revelatory, filled with lively anecdotes and moving stories, Factfulness is an urgent and essential book that will change the way you see the world and empower you to respond to the crises and opportunities of the future. --- “This book is my last battle in my life-long mission to fight

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devastating ignorance Previously I armed myself with huge data sets, eye-opening software, an energetic learning style and a Swedish bayonet for sword-swallowing. It wasn't enough. But I hope this book will be." Hans Rosling, February 2017.

Astronomy

For the first time in history, eradicating world poverty is within our reach. Yet around the world, a billion people struggle to live each day on less than many of us pay for bottled water. In *The Life You Can Save*, Peter Singer uses ethical arguments, illuminating examples, and case studies of charitable giving to show that our current response to world poverty is not only insufficient but morally indefensible. *The Life You Can Save* teaches us to be a part of the solution, helping others as we help ourselves.

Story-Based Inquiry: A Manual for Investigative Journalists

A journey through the otherworldly science behind Christopher Nolan's award-winning film, *Interstellar*, from executive producer and Nobel Prize-winning physicist Kip Thorne. *Interstellar*, from acclaimed filmmaker Christopher Nolan, takes us on a fantastic voyage far beyond our solar system. Yet in *The Science of Interstellar*, Kip Thorne, the Nobel prize-winning physicist who assisted Nolan on the scientific aspects of *Interstellar*, shows us that the movie's jaw-dropping events and stunning, never-before-attempted visuals are grounded in real science.

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Thorne shares his experiences working as the science adviser on the film and then moves on to the science itself. In chapters on wormholes, black holes, interstellar travel, and much more, Thorne's scientific insights—many of them triggered during the actual scripting and shooting of *Interstellar*—describe the physical laws that govern our universe and the truly astounding phenomena that those laws make possible. *Interstellar* and all related characters and elements are trademarks of and © Warner Bros. Entertainment Inc. (s14).

Information Theory, Inference and Learning Algorithms

#1 NEW YORK TIMES BESTSELLER * "The Uninhabitable Earth hits you like a comet, with an overflow of insanely lyrical prose about our pending Armageddon."--Andrew Solomon, author of *The Noonday Demon* With a new afterword It is worse, much worse, than you think. If your anxiety about global warming is dominated by fears of sea-level rise, you are barely scratching the surface of what terrors are possible--food shortages, refugee emergencies, climate wars and economic devastation. An "epoch-defining book" (*The Guardian*) and "this generation's *Silent Spring*" (*The Washington Post*), *The Uninhabitable Earth* is both a travelogue of the near future and a meditation on how that future will look to those living through it--the ways that warming promises to transform global politics, the meaning of technology and nature in the modern world, the sustainability of capitalism and the trajectory of

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human progress. The Uninhabitable Earth is also an impassioned call to action. For just as the world was brought to the brink of catastrophe within the span of a lifetime, the responsibility to avoid it now belongs to a single generation--today's. Praise for The Uninhabitable Earth "The Uninhabitable Earth is the most terrifying book I have ever read. Its subject is climate change, and its method is scientific, but its mode is Old Testament. The book is a meticulously documented, white-knuckled tour through the cascading catastrophes that will soon engulf our warming planet."--Farhad Manjoo, The New York Times "Riveting. . . . Some readers will find Mr. Wallace-Wells's outline of possible futures alarmist. He is indeed alarmed. You should be, too."--The Economist "Potent and evocative. . . . Wallace-Wells has resolved to offer something other than the standard narrative of climate change. . . . He avoids the 'eerily banal language of climatology' in favor of lush, rolling prose."--Jennifer Szalai, The New York Times "The book has potential to be this generation's Silent Spring."--The Washington Post "The Uninhabitable Earth, which has become a best seller, taps into the underlying emotion of the day: fear. . . . I encourage people to read this book."--Alan Weisman, The New York Review of Books

The Uninhabitable Earth

Malcolm Gladwell's provocative new #1 bestseller -- now in paperback. Three thousand years ago on a battlefield in ancient Palestine, a shepherd boy felled a mighty warrior with nothing more than a pebble and

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a sling-and ever since, the names of David and Goliath have stood for battles between underdogs and giants. David's victory was improbable and miraculous. He shouldn't have won. Or should he? In DAVID AND GOLIATH, Malcolm Gladwell challenges how we think about obstacles and disadvantages, offering a new interpretation of what it means to be discriminated against, suffer from a disability, lose a parent, attend a mediocre school, or endure any number of other apparent setbacks. In the tradition of Gladwell's previous bestsellers-The Tipping Point, Blink, Outliers and What the Dog Saw-DAVID AND GOLIATH draws upon history, psychology and powerful story-telling to reshape the way we think of the world around us.

The Structure of Scientific Revolutions

Brought back to the mortal plane by sorcery, the Norse Gods joined the battlefields of World War II leading to major Nazi victories, but with the war still raging a generation later, the final battle lines are being drawn.

Flotsam

"The counterintuitive approach to achieving your true potential, heralded by the Harvard Business Review as a groundbreaking idea of the year"--

Animal Fact Files Birds

David Reich describes how the revolution in the ability

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to sequence ancient DNA has changed our understanding of the deep human past. This book tells the emerging story of our often surprising ancestry - the extraordinary ancient migrations and mixtures of populations that have made us who we are.

Cosmos

From bestselling writer David Graeber—"a master of opening up thought and stimulating debate" (Slate)—a powerful argument against the rise of meaningless, unfulfilling jobs...and their consequences. Does your job make a meaningful contribution to the world? In the spring of 2013, David Graeber asked this question in a playful, provocative essay titled "On the Phenomenon of Bullshit Jobs." It went viral. After one million online views in seventeen different languages, people all over the world are still debating the answer. There are hordes of people—HR consultants, communication coordinators, telemarketing researchers, corporate lawyers—whose jobs are useless, and, tragically, they know it. These people are caught in bullshit jobs. Graeber explores one of society's most vexing and deeply felt concerns, indicting among other villains a particular strain of finance capitalism that betrays ideals shared by thinkers ranging from Keynes to Lincoln. "Clever and charismatic" (The New Yorker), Bullshit Jobs gives individuals, corporations, and societies permission to undergo a shift in values, placing creative and caring work at the center of our culture. This book is for everyone who wants to turn their vocation back into

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an avocation and “a thought-provoking examination of our working lives” (Financial Times).

David and Goliath

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Pardonable Lies

Around the World in Eighty Days

Brain-based therapy is the fastest-growing area in the field of psychological health because it has proven that it can immediately address issues that talk therapy can take years to heal. Now Dr. David Grand presents the next leap forward in psychological care—combining the strengths of brain-based and talk therapies into a powerful technique he calls Brainspotting. In Brainspotting, Dr. Grand reveals the key insight that allowed him to develop this revolutionary therapeutic tool: that where we look reveals critical information about what's going on in our brain. Join him to learn about: The history of Brainspotting—how it evolved from EMDR practice as a more versatile tool for brain-based therapy Brainspotting in action—case studies and evidence for the effectiveness of the technique An overview of the different aspects of Brainspotting and how to use them Between sessions—how clients can use Brainspotting on their own to reinforce and accelerate healing Why working simultaneously with the right and left brain can lead to expanded creativity and

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athletic performance How Brainspotting can be used to treat PTSD, anxiety, depression, addiction, physical pain, chronic illness, and much more “Brainspotting lets the therapist and client participate together in the healing process,” explains Dr. Grand. “It allows us to harness the brain's natural ability for self-scanning, so we can activate, locate, and process the sources of trauma and distress in the body.” With Brainspotting, this pioneering researcher introduces an invaluable tool that can support virtually any form of therapeutic practice—and greatly accelerate our ability to heal. “David Grand is one of the most important and effective psychological trauma therapists now practicing, and his development of Brainspotting is a very important leap forward in helping people resolve trauma. Brainspotting is a remarkable, sophisticated, flexible addition to the therapeutic toolkit of any psychotherapist. I know because I use it regularly, and find that, combined with the psychoanalytic approaches I normally practice, the results are astonishingly helpful. Using it, one becomes amazed at the extent to which our traumas can be detected in our ordinary facial and eye reflexes, and how, by using these windows to inner mental states, many traumas and symptoms can be rapidly relieved. Grand writes clearly, and the cases, dramatic as they are, are not exaggerated.” —Norman Doidge, MD, FRCPC, author of *The Brain That Changes Itself*; faculty, University of Toronto, Department of Psychiatry, and Columbia University Department of Psychiatry Center for Psychoanalytic Training and Research

The Audacity of Faith

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Leviathan or The Matter, Forme and Power of a Common-Wealth Ecclesiastical and Civil is a book written by an English materialist philosopher Thomas Hobbes about problems of the state existence and development. Leviathan is a name of a Bible monster, a symbol of nature powers that belittles a man. Hobbes uses this character to describe a powerful state (“God of the death”). He starts with a postulate about a natural human state (“the war of all against all”) and develops the idea “man is a wolf to a man”. When people stay for a long time in the position of an inevitable extermination they give a part of their natural rights, for the sake of their lives and general peace, according to an unspoken agreement to someone who is obliged to maintain a free usage of the rest of their rights – to the state. The state, a union of people, where the will of a single one (the state) is compulsory for everybody, has a task to regulate the relations between all the people. The book was banned several times in England and Russia.

Science, Evolution, and Creationism

In the third novel of this bestselling series from, London investigator Maisie Dobbs faces grave danger as she returns to the site of her most painful WWI memories to resolve the mystery of a pilot's death. A deathbed plea from his wife leads Sir Cecil Lawton to seek the aid of Maisie Dobbs, psychologist and investigator. As Maisie soon learns, Agnes Lawton never accepted that her aviator son was killed in the Great War, a torment that led her not only to the edge

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of madness but to the doors of those who practice the dark arts and commune with the spirit world. In accepting the assignment, Maisie finds her spiritual strength tested, as well as her regard for her mentor, Maurice Blanche. The mission also brings her together once again with her college friend Priscilla Evernden, who served in France and who lost three brothers to the war—one of whom, it turns out, had an intriguing connection to the missing Ralph Lawton. Following on the heels of Jacqueline Winspear's triumphant *Birds of a Feather*, *PARDONABLE LIES* is the most compelling installment yet in the chronicles of Maisie Dobbs, "a heroine to cherish" (Marilyn Stasio, *The New York Times Book Review*).

A Framework for K-12 Science Education

Astronomy is written in clear non-technical language, with the occasional touch of humor and a wide range of clarifying illustrations. It has many analogies drawn from everyday life to help non-science majors appreciate, on their own terms, what our modern exploration of the universe is revealing. The book can be used for either a one-semester or two-semester introductory course (bear in mind, you can customize your version and include only those chapters or sections you will be teaching.) It is made available free of charge in electronic form (and low cost in printed form) to students around the world. If you have ever thrown up your hands in despair over the spiraling cost of astronomy textbooks, you owe your students a good look at this one. Coverage and Scope
Astronomy was written, updated, and reviewed by a

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broad range of astronomers and astronomy educators in a strong community effort. It is designed to meet scope and sequence requirements of introductory astronomy courses nationwide. Chapter 1: Science and the Universe: A Brief Tour Chapter 2: Observing the Sky: The Birth of Astronomy Chapter 3: Orbits and Gravity Chapter 4: Earth, Moon, and Sky Chapter 5: Radiation and Spectra Chapter 6: Astronomical Instruments Chapter 7: Other Worlds: An Introduction to the Solar System Chapter 8: Earth as a Planet Chapter 9: Cratered Worlds Chapter 10: Earthlike Planets: Venus and Mars Chapter 11: The Giant Planets Chapter 12: Rings, Moons, and Pluto Chapter 13: Comets and Asteroids: Debris of the Solar System Chapter 14: Cosmic Samples and the Origin of the Solar System Chapter 15: The Sun: A Garden-Variety Star Chapter 16: The Sun: A Nuclear Powerhouse Chapter 17: Analyzing Starlight Chapter 18: The Stars: A Celestial Census Chapter 19: Celestial Distances Chapter 20: Between the Stars: Gas and Dust in Space Chapter 21: The Birth of Stars and the Discovery of Planets outside the Solar System Chapter 22: Stars from Adolescence to Old Age Chapter 23: The Death of Stars Chapter 24: Black Holes and Curved Spacetime Chapter 25: The Milky Way Galaxy Chapter 26: Galaxies Chapter 27: Active Galaxies, Quasars, and Supermassive Black Holes Chapter 28: The Evolution and Distribution of Galaxies Chapter 29: The Big Bang Chapter 30: Life in the Universe Appendix A: How to Study for Your Introductory Astronomy Course Appendix B: Astronomy Websites, Pictures, and Apps Appendix C: Scientific Notation Appendix D: Units Used in Science Appendix E: Some Useful Constants for Astronomy Appendix F: Physical

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and Orbital Data for the Planets Appendix G: Selected Moons of the Planets Appendix H: Upcoming Total Eclipses Appendix I: The Nearest Stars, Brown Dwarfs, and White Dwarfs Appendix J: The Brightest Twenty Stars Appendix K: The Chemical Elements Appendix L: The Constellations Appendix M: Star Charts and Sky Event Resources

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