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Longitude The True Story Of A Lone Genius Who Solved The Greatest Scientific Problem Of His Time

Told for the very first time, this is the true story of the adventure that shaped the world . . . 'A thrilling story of courage, survival and science. It's an extraordinary, visceral and vivid read' Geographical Magazine _____ Three hundred years ago no one knew the true shape of the world. It wasn't a sphere -

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but did it bulge at the equator or was it pointed at the poles? Until we found out no map could ever be truly accurate. So a team of scientists was sent to South America - to measure one full degree of latitude. But South America was a land of erupting volcanoes, sodden rainforests, earthquakes, deadly diseases, tropical storms and violent unrest. And the misfit scientists had an unfortunate tendency to squander funds, fight duels, stumble into mutinies or die horribly. The tale of their ten-year odyssey of exploration, discovery, flirtations with failure and ultimate triumph becomes in Nicholas Crane's hands

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the greatest scientific adventure story ever told.

_____ 'Pace, rigour and attention to enticing detail

. . . Crane has a rare knack for showing people things without them having to get out of their chair'

Joe Smith, director of The Royal Geographic society

Argues that exercise is the best therapy for

backache, discusses motivation, recommends

specific exercises, and covers yoga, meditation, and

life-style changes

Alice in Wonderland (also known as Alice's

Adventures in Wonderland), from 1865, is the

peculiar and imaginative tale of a girl who falls down

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a rabbit-hole into a bizarre world of eccentric and unusual creatures. Lewis Carroll's prominent example of the genre of "literary nonsense" has endured in popularity with its clever way of playing with logic and a narrative structure that has influenced generations of fiction writing.

The seventeenth novel in the best-selling Aubrey/Maturin series of naval tales, which the New York Times Book Review has described as "the best historical novels ever written." Having survived a long and desperate adventure in the Great South Sea, Captain Jack Aubrey and Stephen Maturin

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return to England to very different circumstances. For Jack it is a happy homecoming, at least initially, but for Stephen it is disastrous: his little daughter appears to be autistic, incapable of speech or contact, while his wife, Diana, unable to bear this situation, has disappeared, her house being looked after by the widowed Clarissa Oakes. Much of *The Commodore* takes place on land, in sitting rooms and in drafty castles, but the roar of the great guns is never far from our hearing. Aubrey and Maturin are sent on a bizarre decoy mission to the fever-ridden lagoons of the Gulf of Guinea to suppress the slave

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trade. But their ultimate destination is Ireland, where the French are mounting an invasion that will test Aubrey's seamanship and Maturin's resourcefulness as a secret intelligence agent. The subtle interweaving of these disparate themes is an achievement of pure storytelling by one of our greatest living novelists.

The Untold Story of Getting from Here to There

360 Degrees Longitude

The Quest for Longitude

Longitude and Latitude, with Attitude

A Young Man's Daring Sea Voyage and the Men

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Who Mapped the World's Oceans

Measure of the Earth

When you picture yourself quitting your job and going on a dream vacation, four bikes, one moody eight-year-old, and a precocious preteen may not be exactly what you envision, but for John Higham, his wife September, and their children, its exactly what they had always wanted and saved for. In June 2005, John, September, Jordan, and Katrina packed up and began a fifty-two-week adventure, visiting thirty countries on five continents, and crossing twenty-four time zones. They stayed with friends, strangers, college girls on spring break, and

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Polish shipyard workers with a penchant for striped boxer shorts and little else. As they made their way across the world, the Highams found out about more than just food and culture; they learned that fish can easily mistake nipples for a snack, that a Chilean mall isnt the best place to get your ears pierced, and that elephants appreciate flowers just as much as the next lady. But more importantly, they learned about each other, and just how much a family can weather if they do it together. Something to read with your kids, your parents, or perhaps en route to your own adventure, 360 Degrees Longitude is filled with funny stories, incredible pictures, and a whole lot of sunshine.

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‘ What joy to be at sea again, adrift on the vast Pacific, in the clutches of a gifted storyteller. Harrison Christian and the mutineers of Men Without Country held me happily captive to the very last page. ’ Dava Sobel, author of Longitude A mission to collect breadfruit from Tahiti becomes the most famous mutiny in history when the crew rise up against Captain William Bligh, with accusations of food restrictions and unfair punishments. Bligh ’ s remarkable journey back to safety is well documented, but the fates of the mutinous men remain shrouded in mystery. Some settled in Tahiti only to face capture and court martial, others sailed on to form a secret colony on Pitcairn Island, the most remote

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inhabited island on earth, avoiding detection for twenty years. When an American captain stumbled across the island in 1808, only one of the Bounty mutineers was left alive. Told by a direct descendant of Fletcher Christian, *Men Without Country* details the journey of the Bounty, and the lives of the men aboard. Lives dominated by a punishing regime of hard work and scarce rations, and deeply divided by the hierarchy of class. It is a tale of adventure and exploration punctuated by moments of extreme violence – towards each other and the people of the South Pacific. For the first time, Christian provides a comprehensive and compelling account of the whole story – from the history of trade and exploration in the

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South Seas to Pitcairn Island, which provided the mutineers ' salvation, and then became their grave. Praise for Men Without Country ' Men Without Country shows what a writer can produce when he has real skin in the game ... Harrison Christian sets the record straight on the Bounty mutiny with forensic fervour, including the before, the during – and the after. ' – Adam Courtenay, author of The Ship that Never Was ' Full of quirky detail, hair-raising descriptions of ocean voyages and memorable characterisations, Men Without Country is an absolute ripper of a tale, an old story that new questions make relevant and fresh. ' – The Saturday Paper ' Written by a descendant of Christian, this is an unvarnished,

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unbiased, account of the mutiny and its aftermath on Pitcairn, putting it in its broader historical context. Rich in detail, but easy to read, this is a great retelling of the tale. ' – Daily Telegraph ' In his highly readable book, Harrison Christian captures something of [Fletcher Christian ' s] elusive personality, but also the terror of the mutineers ' precarious existence on Pitcairn and the brutal end that awaited many of them. ' – The Listener ' This is both a journalistic investigation, using primary and secondary sources, and a personal journey, the author being a direct relative of the mutiny ' s leader, Fletcher Christian. ' – Sydney Morning Herald

GPS Declassified examines the development of GPS

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from its secret, Cold War military roots to its emergence as a worldwide consumer industry. Drawing on previously unexplored documents, the authors examine how military rivalries influenced the creation of GPS and shaped public perceptions about its origin. Since the United States' first program to launch a satellite in the late 1950s, the nation has pursued dual paths into space—one military and secret, the other scientific and public. Among the many commercial spinoffs this approach has produced, GPS arguably boasts the greatest impact on our daily lives. Told by the son of a navy insider—whose work helped lay the foundations for the system—and a science and technology journalist, the

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story chronicles the research and technological advances required for the development of GPS. The authors peek behind the scenes at pivotal events in GPS history. They note how the technology moved from the laboratory to the battlefield to the dashboard and the smartphone, and they raise the specter of how this technology and its surrounding industry affect public policy. Insights into how the system works and how it fits into a long history of advances in navigation tie into discussions of the myriad applications for GPS.

More than two centuries after Master ' s Mate Fletcher Christian led a mutiny against Lieutenant William Bligh on a small, armed transport vessel called Bounty, the

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true story of this enthralling adventure has become obscured by the legend. Combining vivid characterization and deft storytelling, Caroline Alexander shatters the centuries-old myths surrounding this story. She brilliantly shows how, in a desperate attempt to save one man from the gallows and another from ignominy, two powerful families came together and began to create the version of history we know today. The true story of the mutiny on the Bounty is an epic of duty and heroism, pride and power, and the assassination of a brave man ' s honor at the dawn of the Romantic age.

Finding Longitude
Time and Navigation

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The astonishing adventure that shaped the world

The Map That Changed the World

Mercator: The Man Who Mapped the Planet

The True Story of 28,800 Bath Toys Lost at Sea & of the
Beachcombers, Oceanographers, Environmentalists &
Fools Including the Author Who Went in Search of Them

**One of Smithsonian Magazine's Ten Best History
Books of 2021 A captivating, surprising history of
timekeeping and how it has shaped our world. For
thousands of years, people of all cultures have made
and used clocks, from the city sundials of ancient
Rome to the medieval water clocks of imperial China,
hourglasses fomenting revolution in the Middle Ages,**

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the Stock Exchange clock of Amsterdam in 1611, Enlightenment observatories in India, and the high-precision clocks circling the Earth on a fleet of GPS satellites that have been launched since 1978. Clocks have helped us navigate the world and build empires, and have even taken us to the brink of destruction. Elites have used them to wield power, make money, govern citizens, and control lives—and sometimes the people have used them to fight back. Through the stories of twelve clocks, About Time brings pivotal moments from the past vividly to life. Historian and lifelong clock enthusiast David Rooney takes us from the unveiling of al-Jazari's castle clock in 1206, in present-day Turkey; to the Cape of Good Hope

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observatory at the southern tip of Africa, where nineteenth-century British government astronomers moved the gears of empire with a time ball and a gun; to the burial of a plutonium clock now sealed beneath a public park in Osaka, where it will keep time for 5,000 years. Rooney shows, through these artifacts, how time has been imagined, politicized, and weaponized over the centuries—and how it might bring peace. Ultimately, he writes, the technical history of horology is only the start of the story. A history of clocks is a history of civilization.

A Best Book of 2021 by Bloomberg BusinessWeek, Time, and The Washington Post The bestselling author of Leonardo da Vinci and Steve Jobs returns

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with a “compelling” (The Washington Post) account of how Nobel Prize winner Jennifer Doudna and her colleagues launched a revolution that will allow us to cure diseases, fend off viruses, and have healthier babies. When Jennifer Doudna was in sixth grade, she came home one day to find that her dad had left a paperback titled The Double Helix on her bed. She put it aside, thinking it was one of those detective tales she loved. When she read it on a rainy Saturday, she discovered she was right, in a way. As she sped through the pages, she became enthralled by the intense drama behind the competition to discover the code of life. Even though her high school counselor told her girls didn’t become scientists, she decided

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she would. Driven by a passion to understand how nature works and to turn discoveries into inventions, she would help to make what the book's author, James Watson, told her was the most important biological advance since his codiscovery of the structure of DNA. She and her collaborators turned a curiosity of nature into an invention that will transform the human race: an easy-to-use tool that can edit DNA. Known as CRISPR, it opened a brave new world of medical miracles and moral questions. The development of CRISPR and the race to create vaccines for coronavirus will hasten our transition to the next great innovation revolution. The past half-century has been a digital age, based on the

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microchip, computer, and internet. Now we are entering a life-science revolution. Children who study digital coding will be joined by those who study genetic code. Should we use our new evolution-hacking powers to make us less susceptible to viruses? What a wonderful boon that would be! And what about preventing depression? Hmmm...Should we allow parents, if they can afford it, to enhance the height or muscles or IQ of their kids? After helping to discover CRISPR, Doudna became a leader in wrestling with these moral issues and, with her collaborator Emmanuelle Charpentier, won the Nobel Prize in 2020. Her story is an “enthraling detective story” (Oprah Daily) that involves the most profound

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wonders of nature, from the origins of life to the future of our species.

Contains an exclusive preview of Micro by Michael Crichton and Richard Preston. In Port Royal, a cutthroat town of taverns, grog shops and bawdy houses, life can end swiftly. But for Captain Edward Hunter, this is a life destined for riches; Spanish gold is there for the taking. And law in the New World is made by those who take it into their own hands.

An encyclopedia designed especially to meet the needs of elementary, junior high, and senior high school students.

Sextant

The Enlightenment Expedition That Reshaped Our

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World

Alice in Wonderland

Hold Fast

One Man's Quest to See the Entire World

One Family's Journey Around the World

Rufus McGaugh knew early on that he wanted to see the world-all of it. And, later on, he did just that. Longitude and Latitude, with Attitude chronicles Rufus's 49 years of travels around the globe to every country in the world. It relates his experiences, both harrowing and humorous, in entertaining and amusing (sometimes even instructive!) vignettes.

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Rufus, a Vietnam vet who was awarded the Purple Heart in 1970, became a Vietnam vet against the war, got a college degree, and taught social studies at Brownell Middle School in the affluent Detroit suburb of Grosse Pointe for 39 years. During that time-and before and after-he spent his summers, vacations, and retirement fulfilling a life-long dream to travel to every corner of the Earth. He has visited countries near and far, well known and obscure (including the closed regimes of North Korea and Libya). He has met interesting people, seen fascinating sights, and observed unusual events. He

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has been hassled by the authorities in Russia (twice in one day). He was arrested-and later stalked by a leopard-in Zimbabwe. He met Miss America (well, Miss South Carolina) in Vietnam, outfoxed (or so he thought) a tailor in Hong Kong, and broke both arms bicycling in Cuba. Longitude and Latitude, with Attitude is the unpretentious, often comic, frequently informative chronicle of these and other adventures and misadventures he experienced on his journeys. Other wanderers like him-and armchair travelers everywhere-will be captivated by it. The lively writing is supplemented by more than 50 pictures that

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inveterate photographer Rufus has taken in the course of his trips.

Describes the forty-year effort of John Harrison to invent the chronometer, the first instrument able to keep accurate time for navigational purposes

Describes the early 18th-century expedition of scientists sent by France and Spain to colonial Peru to measure the degree of equatorial latitude, which could resolve the debate between whether the earth was spherical or flattened at the poles.

300 years ago, amidst growing frustration from the naval community and pressure from the increasing

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importance of international trade, the British government passed the 1714 Longitude Act. It was an attempt to solve one of the most pressing problems of the age: how to determine a ship's longitude (east-west position) at sea. With life-changing rewards on offer, the challenge captured the imaginations and talents of astronomers, skilled craftsmen, politicians, seamen and satirists. This illustrated book is a detailed account of these stories, and how the longitude problem was solved.

What Exercises Work
The Planets

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Jennifer Doudna, Gene Editing, and the Future of
the Human Race

The History of Navigation

Ships, Clocks, and Stars

Pirate Latitudes

An extraordinary episode in cultural & scientific history comes to life in the fascinating story of a genius, greed, & exquisite beauty revealed by the obsessive pursuit of the secret formula for one of the most precious commodities of eighteenth century European royalty-fine porcelain.

The dramatic human story of an epic scientific quest and

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of one man's forty-year obsession to find a solution to the thorniest scientific dilemma of the day--"the longitude problem." Anyone alive in the eighteenth century would have known that "the longitude problem" was the thorniest scientific dilemma of the day-and had been for centuries. Lacking the ability to measure their longitude, sailors throughout the great ages of exploration had been literally lost at sea as soon as they lost sight of land. Thousands of lives and the increasing fortunes of nations hung on a resolution. One man, John Harrison, in complete opposition to the scientific community, dared to imagine a mechanical solution-a clock that would keep precise time at sea, something no clock had ever been

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able to do on land. Longitude is the dramatic human story of an epic scientific quest and of Harrison's forty-year obsession with building his perfect timekeeper, known today as the chronometer. Full of heroism and chicanery, it is also a fascinating brief history of astronomy, navigation, and clockmaking, and opens a new window on our world.

An enthralling biography of the man who created the first real map of the world and changed civilization Born at the dawn of the age of discovery, Gerhard Mercator lived in an era of formidable intellectual and scientific advances. At the center of these developments were the cartographers who painstakingly pieced together the

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evidence to create ever more accurate pictures of the planet. Mercator was the greatest of all of them—a poor farm boy who attended one of Europe's top universities, was persecuted and imprisoned by the Inquisition, but survived to coin the term "atlas" and to produce the so-called projection for which he is known. Devoutly religious, yet gripped by Aristotelian science, Mercator struggled to reconcile the two, a conflict mirrored by the growing clash in Europe between humanism and the Church. Mercator solved the dimensional riddle that had vexed cosmographers for so long: How could the three-dimensional globe be converted into a two-dimensional map while retaining true compass bearings? The

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projection revolutionized navigation and has become the most common worldview. Nicholas Crane—a fellow geographer—has combined a keen eye for historical detail with a gift for vivid storytelling to produce a masterful biography of the man who mapped the planet.

A tale of eighteenth-century invention and competition, commerce and conflict, this is a lively, illustrated, and accurate chronicle of the search to solve “the longitude problem,” the question of how to determine a ship’s position at sea—and one that changed the history of mankind. *Ships, Clocks, and Stars* brings into focus one of our greatest scientific stories: the search to accurately measure a ship’s position at sea. The incredible,

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illustrated volume reveals why longitude mattered to seafaring nations, illuminates the various solutions that were proposed and tested, and explores the invention that revolutionized human history and the man behind it, John Harrison. Here, too, are the voyages of Captain Cook that put these revolutionary navigational methods to the test. Filled with astronomers, inventors, politicians, seamen, and satirists, *Ships, Clocks, and Stars* explores the scientific, political, and commercial battles of the age, as well as the sailors, ships, and voyages that made it legend—from Matthew Flinders and George Vancouver to the voyages of the *Bounty* and the *Beagle*. Featuring more than 150 photographs specially commissioned

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from Britain's National Maritime Museum, this evocative, detailed, and thoroughly fascinating history brings this age of exploration and enlightenment vividly to life.

A More Perfect Heaven

William Smith and the Birth of Modern Geology

A True Story of Cartographic Crime

The Commodore (Vol. Book 17) (Aubrey/Maturin Novels)

The Code Breaker

A True Story of Men Against the Sea

Tells the story of John Harrison, an eighteenth-century inventor of watches and clocks, who spent forty years working on a time-machine which could be used to accurately determine longitude at sea.

In 1761 Italian cousins Joseph Carlo Mauran, thirteen, and Suchet

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Mauran, twelve, are impressed into the English navy on the man-o-war Deptford and face countless threats while traveling the seas.

In the tradition of Dava Sobel's *Longitude* comes sailing expert David Barrie's compelling and dramatic tale of invention and discovery—an eloquent elegy to one of the most important navigational instruments ever created, and the daring mariners who used it to explore, conquer, and map the world. Since its invention in 1759, a mariner's most prized possession has been the sextant. A navigation tool that measures the angle between a celestial object and the horizon, the sextant allowed sailors to pinpoint their exact location at sea. David Barrie chronicles the sextant's development and shows how it not only saved the lives of navigators in wild and dangerous seas, but played a pivotal role in their ability to map the globe. He synthesizes centuries of seafaring history and the daring sailors who have become legend, including James

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Cook, Matthew Flinders, Robert Fitz-Roy, Frank Worsley of the Endurance, and Joshua Slocum, the redoubtable old "lunarian" and first single-handed-round-the-world yachtsman. He also recounts his own maiden voyage, and insights gleaned from his experiences as a practiced seaman and navigator. Full of heroism, danger, and excitement, told with an infectious sense of wonder, Sextant offers a new look at a masterful achievement that changed the course of history.

The bestselling author of Longitude and Galileo's Daughter tells the story of Nicolaus Copernicus and the revolution in astronomy that changed the world.

Men Without Country

Backache

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GPS Declassified

Longitude

Moby-Duck

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TimeBloomsbury Publishing USA

**Noah's ""Hill of Salvation"" has now been
found!! You can examine it for yourself using
modern satellite imagery! ""The True Story of
Noah explores the origins of this well known
biblical story from a unique angle. Using related
literature and information provided, Barger
probes further to understand the likeliest
resting spot of the ark. In the process, he**

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provides a deluge of enriching historical information that revolves around Noah and the origins of man. Barger's discourse is intriguing and would particularly spark engaging conversation in a college humanities lecture... references to many familiar figures from creation myths and stories, such as The Epic of Gilgamesh, will keep the reader involved. This book is just as much about the story of how Noah came to be as it is about the final resting spot of the ark. For serious readers of the humanities who have a passion for ancient, biblical history and how it came to be, Barger's story is a worthwhile read." --Mihir Shah, The

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U.S. Review of Books

Describes the forty-year effort of John Harrison to invent the chronometer, the first instrument able to keep accurate time for navigational purposes.

From #1 New York Times bestselling author Dava Sobel, the "inspiring" (People), little-known true story of women's landmark contributions to astronomy A New York Times Book Review Notable Book Named one of the best books of the year by NPR, The Economist, Smithsonian, Nature, and NPR's Science Friday Nominated for the PEN/E.O. Wilson Literary Science Writing Award "A joy to read." —The

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Wall Street Journal In the mid-nineteenth century, the Harvard College Observatory began employing women as calculators, or “human computers,” to interpret the observations their male counterparts made via telescope each night. At the outset this group included the wives, sisters, and daughters of the resident astronomers, but soon the female corps included graduates of the new women's colleges—Vassar, Wellesley, and Smith. As photography transformed the practice of astronomy, the ladies turned from computation to studying the stars captured nightly on glass photographic plates. The “glass universe” of

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half a million plates that Harvard amassed over the ensuing decades—through the generous support of Mrs. Anna Palmer Draper, the widow of a pioneer in stellar photography—enabled the women to make extraordinary discoveries that attracted worldwide acclaim. They helped discern what stars were made of, divided the stars into meaningful categories for further research, and found a way to measure distances across space by starlight. Their ranks included Williamina Fleming, a Scottish woman originally hired as a maid who went on to identify ten novae and more than three hundred variable stars; Annie Jump Cannon, who designed a

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stellar classification system that was adopted by astronomers the world over and is still in use; and Dr. Cecilia Helena Payne, who in 1956 became the first ever woman professor of astronomy at Harvard—and Harvard's first female department chair. Elegantly written and enriched by excerpts from letters, diaries, and memoirs, The Glass Universe is the hidden history of the women whose contributions to the burgeoning field of astronomy forever changed our understanding of the stars and our place in the universe.

How the Ladies of the Harvard Observatory Took the Measure of the Stars

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The True Story of the Mutiny on the Bounty

The Perfect Storm

The Extraordinary True Story

Latitude

The True Story of a Lone Genius

Exploring the surprising connection between time and place, a companion book to the National Air and Space Museum exhibition of the same name traces the history of navigation, showing where we have been, how far we have come and where we are going.

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Dava Sobel's The Glass Universe will be available from Viking in December 2016 With her bestsellers Longitude and Galileo's Daughter, Dava Sobel introduced readers to her rare gift for weaving complex scientific concepts into a compelling narrative. Now Sobel brings her full talents to bear on what is perhaps her most ambitious topic to date-the planets of our solar system. Sobel explores the origins and oddities of the planets through the lens of

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*popular culture, from astrology,
mythology, and science fiction to art,
music, poetry, biography, and history.
Written in her characteristically
graceful prose, The Planets is a
stunningly original celebration of our
solar system and offers a distinctive
view of our place in the universe. * A
New York Times extended bestseller * A
Featured Alternate of the Book-of-the-
Month Club, History Book Club,
Scientific American Book Club, and*

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*Natural Science Book Club * Includes 11 full-color illustrations by artist Lynette R. Cook "[The Planets] lets us fall in love with the heavens all over again." -The New York Times Book Review "Playful . . . lyrical . . . a guided tour so imaginative that we forget we're being educated as we're being entertained." -Newsweek " [Sobel] has outdone her extraordinary talent for keeping readers enthralled. . . . Longitude and Galileo's Daughter were*

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*exciting enough, but The Planets has a
charm of its own A splendid and
enticing book." -San Francisco*

*Chronicle "A sublime journey. [Sobel's]
writing . . . is as bright as the sun
and its thinking as star-studded as the
cosmos." -The Atlanta Journal-*

*Constitution "An incantatory serenade
to the Solar System. Grade A-"*

*-Entertainment Weekly "Like Sobel's
[Longitude and Galileo's Daughter] . .
. [The Planets] combines masterful*

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storytelling with clear, engaging explanations of the essential scientific facts." -Physics World

Scientific discovery changes the world! Discover the fascinating story behind one of the most important changes to nautical navigation in this nonfiction book for young readers. More than 300 years ago, explorers wandered the seas using unreliable maps. What they needed to know was the longitude of their locations, but for that they needed

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accurate time keeping. Unfortunately, no accurate source of time measurement at sea existed. In 1714 the British government decided to offer a reward to anyone who could solve the problem. Learned men and great thinkers alike tried unsuccessfully to work out a solution. They declared it unsolvable! Carpenter John Harrison was intrigued; he thought he might have a solution. He worked for years to design a clock that functioned accurately at sea, even

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though no one believed he could do it. Even after his timepiece was demonstrated effective at sea, he was still not acknowledged for his ingenious solution. It took many years and intervention by the king to grant Harrison the recognition and reward he deserved for solving the problem of how to accurately track longitude and for winning the British government prize. The book offers a detailed map of the world at that time and includes the

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*advancements in the use of longitude
since then.*

*Presents a vivid account of a history-
making storm that hit the New England
coast in October 1991 and the lives it
changed, weaving together the history
of the fishing industry, the science of
storms, and personal accounts. Tour.*

The Arcanum

*Compass: A Story of Exploration and
Innovation*

A Drama of Science, Faith and Love

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The Glass Universe

The Island of Lost Maps

The World Book Encyclopedia

**Selected by The New York Times Book Review as a
Notable Book of the Year A revelatory tale of science,
adventure, and modern myth. When the writer Donovan
Hohn heard of the mysterious loss of thousands of bath
toys at sea, he figured he would interview a few
oceanographers, talk to a few beachcombers, and read up
on Arctic science and geography. But questions can be like
ocean currents: wade in too far, and they carry you away.
Hohn's accidental odyssey pulls him into the secretive**

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world of shipping conglomerates, the daring work of Arctic researchers, the lunatic risks of maverick sailors, and the shadowy world of Chinese toy factories. Moby-Duck is a journey into the heart of the sea and an adventure through science, myth, the global economy, and some of the worst weather imaginable. With each new discovery, Hohn learns of another loose thread, and with each successive chase, he comes closer to understanding where his castaway quarry comes from and where it goes. In the grand tradition of Tony Horwitz and David Quammen, Moby-Duck is a compulsively readable narrative of whimsy and curiosity. "The compass's rocky evolution is charted with an enthusiast's passion...A fascinating adventure."

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—Bernadette Murphy, Los Angeles Times This is the rich history of the most important navigational device of all time, the magnetic compass, born of the need for a reliable means of negotiating treacherous sea routes around the globe. *Compass* chronicles the misadventures of those who attempted to perfect the instrument—so precious to sixteenth-century seamen that, by law, any man found tampering with one had his hand pinned to the mast with a dagger. Part history, part adventure, this book is a compelling tribute to human ingenuity—and the mysteries of the sea.

In 1793, a canal digger named William Smith made a startling discovery. He found that by tracing the placement

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of fossils, which he uncovered in his excavations, one could follow layers of rocks as they dipped and rose and fell—clear across England and, indeed, clear across the world—making it possible, for the first time ever, to draw a chart of the hidden underside of the earth. Smith spent twenty-two years piecing together the fragments of this unseen universe to create an epochal and remarkably beautiful hand-painted map. But instead of receiving accolades and honors, he ended up in debtors' prison, the victim of plagiarism, and virtually homeless for ten years more. The Map That Changed the World is a very human tale of endurance and achievement, of one man's dedication in the face of ruin. With a keen eye and

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thoughtful detail, Simon Winchester unfolds the poignant sacrifice behind this world-changing discovery.

Today travellers by land, sea and air take accurate navigation for granted but it was not always thus. The author, a highly experienced sailor, sets out to record the development of navigational techniques from the earliest time, five millennia ago. As explorers started to venture offshore into the unknown they had to rely on the sun and stars for direction. From this pioneers turned to mathematics, astrolobes, sextants and increasing accurate clocks to measure latitude and later longitude. More recently major breakthroughs with electronic navigation, GPS and other satellite systems have revolutionised travel.

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Focusing primarily but not exclusively on marine navigation, the author weaves a fascinating course through the successes and failures of mankind's quest to explore his world. The result is a thoroughly entertaining and informative work which has no rival.

The Brick Moon, and Other Stories

Discovery of Longitude, The

The Illustrated Longitude

The true story of exploration and rebellion in the South Seas

Galileo's Daughter

The Bounty

This is an account of the relationship

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between Italian scientist Galileo and his daughter, Marie Celeste. It contains letters sent from Marie Celeste to her father from a Florence convent.

In the tradition of Dava Sobel's 'Longitude' comes sailing expert David Barrie's compelling and dramatic tale of invention and discovery - an eloquent elegy to one of the most important navigational instruments ever created, and the daring mariners who used it to explore, conquer, and map the world.

The Island of Lost Maps tells the story of

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a curious crime spree: the theft of scores of valuable centuries-old maps from some of the most prominent research libraries in the United States and Canada. The perpetrator was Gilbert Joseph Bland, Jr., an enigmatic antiques dealer from South Florida, whose cross-country slash-and-dash operation had gone virtually undetected until he was caught in 1995—and was unmasked as the most prolific American map thief in history. As Miles Harvey unravels the mystery of Bland's life, he maps out the world of cartography and

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cartographic crime, weaving together a fascinating story of exploration, craftsmanship, villainy, and the lure of the unknown.

A Voyage Guided by the Stars and the Men
Who Mapped the World's Oceans

How Copernicus Revolutionised the Cosmos

The True Story of a Lone Genius Who Solved
the Greatest Scientific Problem of His
Time

The True Story of Noah

About Time: A History of Civilization in
Twelve Clocks

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The Longitude Prize