

# Hidden Figures The True Story Of Four Black Women And The Space Race

\_\_\_\_\_ Pre-order now: the biggest quiz book of 2021. The Astronomy Puzzle Book is a puzzle book that's truly out of this world \_\_\_\_\_ What's Goldilocks got to do with the study of space? Everyone's heard of NASA, but can you name any of the other 72 space agencies around the world? And do you know your lunar and solar deities? The Astronomy Puzzle Book is packed with more than 100 puzzles that have been inspired by the Royal Observatory's history and collections. The conundrums and riddles in this book celebrate all that is inspiring and fascinating about space, the stars and the history of astronomy. Inside this book, you will find astronomical instruments, star charts, famous astronomers and much more. Explore some of the latest astronomical theories and achievements in space exploration as you decipher the clues and solve the puzzles. Put your problem-solving skills to the test by delving deep into the darkest corners of space. \_\_\_\_\_ Space has the power to inspire and fascinate all of us on Earth and the history of astronomy has been one of solving puzzles. Now it's your turn.

In the morning the people of the island found a man

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sitting on the shore, there where fate and the ocean currents had set him and his frail raft in the night. When he saw them coming towards him, he rose to his feet. He was not like them. This internationally acclaimed, award-winning picture book is astonishing, powerful and timely.

The bold story of Katherine Johnson, an African-American mathematician who worked for NASA during the space race and was depicted in the film Hidden Figures. You've likely heard of the historic Apollo 13 moon landing. But do you know about the mathematical genius who made sure that Apollo 13 returned safely home? As a child, Katherine Johnson loved to count. She counted the steps on the road, the number of dishes and spoons she washed in the kitchen sink, everything! Boundless, curious, and excited by calculations, young Katherine longed to know as much as she could about math, about the universe. From Katherine's early beginnings as a gifted student to her heroic accomplishments as a prominent mathematician at NASA, Counting on Katherine is the story of a groundbreaking American woman who not only calculated the course of moon landings but, in turn, saved lives and made enormous contributions to history. Christy Ottaviano Books

Tells the gripping story of four female African-American mathematicians who literally made it possible to launch US rockets--and astronauts--into

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space. Tells the thrilling tale of how each woman contributed, the struggles and resistance each experienced, and the amazing results. Consultants currently works for NASA.

For use in schools and libraries only. Now in a special new edition perfect for young readers, this is the amazing true story of four African-American female mathematicians at NASA who helped achieve some of the greatest moments in our space program. Soon to be a major motion picture. Before John Glenn orbited the earth or Neil Armstrong walked on the moon, a group of dedicated female mathematicians known as "human computers" used pencils, slide rules, and adding machines to calculate the numbers that would launch rockets, and astronauts, into space. This book brings to life the stories of Dorothy Vaughan, Mary Jackson, Katherine Johnson, and Christine Darden, four African-American women who lived through the Civil Rights era, the Space Race, the Cold War, and the movement for gender equality, and whose work forever changed the face of NASA and the country. Winner of the Whitbread Book of the Year 'Outstanding...a stunningly good read' Observer 'Mark Haddon's portrayal of an emotionally dissociated mind is a superb achievement... Wise and bleakly funny' Ian McEwan The Curious Incident of the Dog in the Night-Time is a murder mystery novel like no other. The detective, and narrator, is

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Christopher Boone. Christopher is fifteen and has Asperger's Syndrome. He knows a very great deal about maths and very little about human beings. He loves lists, patterns and the truth. He hates the colours yellow and brown and being touched. He has never gone further than the end of the road on his own, but when he finds a neighbour's dog murdered he sets out on a terrifying journey which will turn his whole world upside down.

Explores the previously uncelebrated but pivotal contributions of NASA's African American women mathematicians to America's space program, describing how Jim Crow laws segregated them despite their groundbreaking successes. Includes biographies on Dorothy Jackson Vaughan (1910-2008), Mary Winston Jackson (1921-2005), Katherine Colman Goble Johnson (1918- ), Dr. Christine Mann Darden (1942- ).

Meet the little leaders. They're brave. They're bold. They changed the world. **NEW YORK TIMES BESTSELLER** Featuring 40 trailblazing black women in the world's history, this book educates and inspires as it relates true stories of women who broke boundaries and exceeded all expectations. Debut author/illustrator Vashti Harrison pairs captivating text with stunning illustrations as she tells the stories of both iconic and lesser-known female figures of black history, including: Nurse Mary Seacole Politician Diane Abbott Mathematician

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Katherine Johnson Singer Shirley Bassey Among these biographies, readers will find heroes, role models and everyday women who did extraordinary things.

So much to read, so little time? Get an overview of Hidden Figures, the true story about the African American female mathematicians who helped NASA win the space race. Margot Lee Shetterly's Hidden Figures tells the incredible real-life account of Dorothy Vaughan, Mary Jackson, Katherine Johnson, and Christine Darden—who, in a time when black women faced seemingly insurmountable obstacles, went to work as “calculators” at NASA. With pencils, paper, and slide rules, they transformed airplane, rocket, and satellite designs—and ensured a World War II victory. Despite the social and political climate at the height of Jim Crow, these women rose up and became integral to the project that put the first man on the moon. From World War II to the Cold War to the civil rights movement to the space race, Hidden Figures tells the story of four remarkable women whose contributions to science led to some of NASA's greatest successes. The book has become a New York Times bestseller as well as a Screen Actors Guild Award–winning and Academy Award–nominated picture starring Taraji P. Henson, Octavia Spencer, Kirsten Dunst, and Kevin Costner. With historical context, important quotes, fascinating trivia, a glossary of terms, and other features, this summary and analysis of Hidden Figures: The American Dream and the Untold Story of the Black Women Mathematicians Who Helped Win the Space Race is intended to complement your

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reading experience and bring you closer to a great work of nonfiction.

“This rich volume is a national treasure.” —Kirkus Reviews (starred review) “Captivating, informative, and inspiring...Easy to follow and hard to put down.” —School Library Journal (starred review) The inspiring autobiography of NASA mathematician Katherine Johnson, who helped launch Apollo 11. As a young girl, Katherine Johnson showed an exceptional aptitude for math. In school she quickly skipped ahead several grades and was soon studying complex equations with the support of a professor who saw great promise in her. But ability and opportunity did not always go hand in hand. As an African American and a girl growing up in an era of brutal racism and sexism, Katherine faced daily challenges. Still, she lived her life with her father’s words in mind: “You are no better than anyone else, and nobody else is better than you.” In the early 1950s, Katherine was thrilled to join the organization that would become NASA. She worked on many of NASA’s biggest projects including the Apollo 11 mission that landed the first men on the moon. Katherine Johnson’s story was made famous in the bestselling book and Oscar-nominated film *Hidden Figures*. Now in *Reaching for the Moon* she tells her own story for the first time, in a lively autobiography that will inspire young readers everywhere.

Having discovered the double identity of the wealthy Transylvanian nobleman, Count Dracula, a small group of people vow to rid the world of the evil vampire. Children of all ages are invited to a bright and colorful

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multicultural celebration with *We've Got the Whole World in Our Hands!*

Presents a case of scandal, crime, and justice in medieval France, where a Norman knight returns from Scotland and finds his wife accusing an old friend and fellow courtier of raping her, leading to a battle to the death.

Young Chris is an astronaut. A very busy astronaut. Saving the planet from aliens is much more important than taking baths or going to bed. Because at bedtime the worst sort of alien appears - darkness. But when Chris watches the first moon landing on TV, he discovers that there is a dark out in Space that is much darker than he's used to. It's the darkest dark ever, and he realizes that the unknown can be . . . exciting! *The Darkest Dark* is the debut picture book by Commander Chris Hadfield, international bestselling author of *An Astronaut's Guide to Life on Earth* and *You Are Here*, with spectacular illustrations by illustration team The Fan Brothers.

Inspired by Chris's decision to become an astronaut after watching the Apollo 11 moon landing at age nine, *The Darkest Dark* is an inspiring story about facing your fears and following your dreams.

The remarkable woman at heart of the smash New York Times bestseller and Oscar-winning film *Hidden Figures* tells the full story of her life, including what it took to work at NASA, help land the first man on the moon, and live through a century of turmoil and change. In 2015, at the age of 97, Katherine Johnson became a global celebrity. President Barack Obama awarded her the prestigious Presidential Medal of Freedom—the nation's highest

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civilian honor—for her pioneering work as a mathematician on NASA’s first flights into space. Her contributions to America’s space program were celebrated in a blockbuster and Academy-award nominated movie. In this memoir, Katherine shares her personal journey from child prodigy in the Allegheny Mountains of West Virginia to NASA human computer. In her life after retirement, she served as a beacon of light for her family and community alike. Her story is centered around the basic tenets of her life—no one is better than you, education is paramount, and asking questions can break barriers. The memoir captures the many facets of this unique woman: the curious “daddy’s girl,” pioneering professional, and sage elder. This multidimensional portrait is also the record of a century of racial history that reveals the influential role educators at segregated schools and Historically Black Colleges and Universities played in nurturing the dreams of trailblazers like Katherine. The author pays homage to her mentor—the African American professor who inspired her to become a research mathematician despite having his own dream crushed by racism. Infused with the uplifting wisdom of a woman who handled great fame with genuine humility and great tragedy with enduring hope, *My Remarkable Journey* ultimately brings into focus a determined woman who navigated tough racial terrain with soft-spoken grace—and the unrelenting grit required to make history and inspire future generations. A story about the triumph of hope, love, and determination, *Coming to England* is the inspiring true story of Baroness Floella Benjamin: from Trinidad, to

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London as part of the Windrush generation, to the House of Lords. Follow ten-year-old Floella as she and her family set sail from the Caribbean to a new life in London. Alone on a huge ship for two weeks, then tumbled into a cold and unfriendly London, coming to England wasn't at all what Floella had expected . . .

What will her new school be like? Will she meet the Queen? Filled with optimism and joy, yet deeply personal and relevant, young children will follow Floella's experiences of moving home and making friends.

Alongside vibrant illustrations by Diane Ewen, this powerful story shows little people how courage and determination can always overcome adversity.

Before Palm Pilots and iPods, PCs and laptops, the term "computer" referred to the people who did scientific calculations by hand. These workers were neither calculating geniuses nor idiot savants but knowledgeable people who, in other circumstances, might have become scientists in their own right. When *Computers Were Human* represents the first in-depth account of this little-known, 200-year epoch in the history of science and technology. Beginning with the story of his own grandmother, who was trained as a human computer, David Alan Grier provides a poignant introduction to the wider world of women and men who did the hard computational labor of science. His grandmother's casual remark, "I wish I'd used my calculus," hinted at a career deferred and an education forgotten, a secret life unappreciated; like many highly educated women of her generation, she studied to become a human computer because nothing else would offer her a place in the

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scientific world. The book begins with the return of Halley's comet in 1758 and the effort of three French astronomers to compute its orbit. It ends four cycles later, with a UNIVAC electronic computer projecting the 1986 orbit. In between, Grier tells us about the surveyors of the French Revolution, describes the calculating machines of Charles Babbage, and guides the reader through the Great Depression to marvel at the giant computing room of the Works Progress Administration. *When Computers Were Human* is the sad but lyrical story of workers who gladly did the hard labor of research calculation in the hope that they might be part of the scientific community. In the end, they were rewarded by a new electronic machine that took the place and the name of those who were, once, the computers.

A visual guide to the way the world really works Every day, every hour, every minute we are bombarded by information - from television, from newspapers, from the internet, we're steeped in it, maybe even lost in it. We need a new way to relate to it, to discover the beauty and the fun of information for information's sake. No dry facts, theories or statistics. Instead, *Information is Beautiful* contains visually stunning displays of information that blend the facts with their connections, their context and their relationships - making information meaningful, entertaining and beautiful. This is information like you have never seen it before - keeping text to a minimum and using unique visuals that offer a blueprint of modern life - a map of beautiful colour illustrations that are tactile to hold and easy to flick

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through but intriguing and engaging enough to study for hours.

Based on the New York Times bestselling book and the Academy Award–nominated movie, author Margot Lee Shetterly and Coretta Scott King Illustrator Honor Award winner Laura Freeman bring the incredibly inspiring true story of four black women who helped NASA launch men into space to picture book readers! Dorothy Vaughan, Mary Jackson, Katherine Johnson, and Christine Darden were good at math...really good. They participated in some of NASA's greatest successes, like providing the calculations for America's first journeys into space. And they did so during a time when being black and a woman limited what they could do. But they worked hard. They persisted. And they used their genius minds to change the world. In this beautifully illustrated picture book edition, we explore the story of four female African American mathematicians at NASA, known as "colored computers," and how they overcame gender and racial barriers to succeed in a highly challenging STEM-based career. "Finally, the extraordinary lives of four African American women who helped NASA put the first men in space is available for picture book readers," proclaims Brightly in their article "18 Must-Read Picture Books of 2018." "Will inspire girls and boys alike to love math, believe in themselves, and reach for the stars." This nonfiction picture book is an excellent choice to share in the classroom or for homeschooling.

We know that teachers are always looking for new and inspiring books to assign to their students. To help you decide if Margot Lee Shetterly's Hidden Figures is right

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for your classroom, we've created this special e-book that contains a teaching guide and sample chapters. Hidden Figures has already been adopted as a common book on campuses across the country, and it has been assigned as required reading in high school and college courses on a variety of subjects—from history, math, and science to composition and women's studies.

You are beautiful from the top of your head to the tip of your toes--but beauty is far more than something you can have. It's also something you have to find. In other people. In nature. In acts of kindness. In math, and art, and music, and sports. In this beautiful inspirational book for girls, author-illustrator Talitha Shipman turns the concept of beauty inside out, transforming girls into beauty-seeking adventurers charging out into the world with confidence and ambition to find beauty and make beauty wherever they go.

A beautiful picture book about Ann Cole Lowe, a little-known African-American fashion designer who battled personal and social adversity in order to pursue her passion of making beautiful gowns and went on to become one of society's top designers. Wisps of cloth would fall from their worktables like confetti, and Ann would scoop them up and turn them into flowers as bright as roses in the garden. Ann's family came from Alabama. Her great grandma had been a slave, so her family knew about working hard just to get by. As soon as Ann Cole Lowe could walk, her momma and grandma taught her to sew. She worked near her momma in their Alabama family shop in the early 1900s, making glorious dresses for women who went to fancy parties. When Ann

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was 16, her momma died, and Ann continued sewing dresses. It wasn't easy, especially when she went to design school and had to learn alone, segregated from the rest of the class. But the work she did set her spirit soaring, as evidenced in the clothes she made, including Jackie Kennedy's wedding dress and Olivia de Havilland's dress at the Oscars when she won for Best Actress in *To Each His Own*. Rarely credited, Ann Cole Lowe became "society's best kept secret." This beautiful picture book shines the spotlight on a little-known visionary who persevered in times of hardship, always doing what she was passionate about: making elegant gowns for the women who loved to wear them. Based on the New York Times bestselling book and the Academy Award-nominated movie, author Margot Lee Shetterly and illustrator Laura Freeman bring the incredibly inspiring true story of four black women who helped NASA launch men into space to picture book readers! Dorothy Vaughan, Mary Jackson, Katherine Johnson, and Christine Darden were good at math...really good. They participated in some of NASA's greatest successes, like providing the calculations for America's first journeys into space. And they did so during a time when being black and a woman limited what they could do. But they worked hard. They persisted. And they used their genius minds to change the world. In this beautifully illustrated picture book edition, we explore the story of four female African American mathematicians at NASA, known as "colored computers," and how they overcame gender and racial barriers to succeed in a highly challenging STEM-based career. "Finally, the

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extraordinary lives of four African American women who helped NASA put the first men in space is available for picture book readers," proclaims Brightly in their article "18 Must-Read Picture Books of 2018." "Will inspire girls and boys alike to love math, believe in themselves, and reach for the stars."

How Britain lost its early dominance in computing by systematically discriminating against its most qualified workers: women. In 1944, Britain led the world in electronic computing. By 1974, the British computer industry was all but extinct. What happened in the intervening thirty years holds lessons for all postindustrial superpowers. As Britain struggled to use technology to retain its global power, the nation's inability to manage its technical labor force hobbled its transition into the information age. In *Programmed Inequality*, Mar Hicks explores the story of labor feminization and gendered technocracy that undercut British efforts to computerize. That failure sprang from the government's systematic neglect of its largest trained technical workforce simply because they were women. Women were a hidden engine of growth in high technology from World War II to the 1960s. As computing experienced a gender flip, becoming male-identified in the 1960s and 1970s, labor problems grew into structural ones and gender discrimination caused the nation's largest computer user—the civil service and sprawling public sector—to make decisions that were disastrous for the British computer industry and the nation as a whole. Drawing on recently opened government files, personal interviews, and the archives of major British computer companies,

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Programmed Inequality takes aim at the fiction of technological meritocracy. Hicks explains why, even today, possessing technical skill is not enough to ensure that women will rise to the top in science and technology fields. Programmed Inequality shows how the disappearance of women from the field had grave macroeconomic consequences for Britain, and why the United States risks repeating those errors in the twenty-first century.

It's one giant leap for all boy-kind in Frank Cottrell Boyce's out-of-this-world story: Cosmic. Liam is too big for his boots. And his football strip. And his school blazer. But being super-sized height-wise has its advantages: he's the only eleven-year-old to ever ride the G-force-defying Cosmic rollercoaster – or to be offered the chance to drive a Porsche. Long-legged Liam makes a giant leap for boy-kind by competing with a group of adults for the chance to go into space. Is Liam the best boy for the job? Sometimes being big isn't all about being a grown-up. This edition of Cosmic includes bonus material and discussion questions from Frank Cottrell Boyce and features fantastic cover artwork from Steven Lenton.

When a banished witch falls in love with the legendary trickster Loki, she risks the wrath of the gods in this fierce, subversive debut novel that reimagines Norse myth. Angrboda's story begins where most witch tales end: with being burnt. A

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punishment from Odin for sharing her visions of the future with the wrong people, the fire leaves Angrboda injured and powerless, and she flees into the furthest reaches of a remote forest. There she is found by a man who reveals himself to be the trickster god Loki, and her initial distrust of him—and any of his kind—grows reluctantly into a deep and abiding love. Their union produces the most important things in her long life: a trio of peculiar children, each with a secret destiny, whom she is keen to raise at the edge of the world, safely hidden from Odin's all-seeing eye. But as Angrboda slowly recovers her prophetic powers, she learns that her blissful life—and possibly all of existence—is in danger. Angrboda must choose whether she'll accept the fate that she's foreseen for her beloved family—or rise to remake it.

'Women have won their political independence. Now is the time for them to achieve their economic freedom too.' This was the great rallying cry of the pioneers who, in 1919, created the Women's Engineering Society. Spearheaded by Katharine and Rachel Parsons, a powerful mother and daughter duo, and Caroline Haslett, whose mission was to liberate women from domestic drudgery, it was the world's first professional organisation dedicated to the campaign for women's rights. *Magnificent Women and their Revolutionary Machines* tells the stories of the women at the heart of this group – from

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their success in fanning the flames of a social revolution to their significant achievements in engineering and technology. It centres on the parallel but contrasting lives of the two main protagonists, Rachel Parsons and Caroline Haslett – one born to privilege and riches whose life ended in dramatic tragedy; the other who rose from humble roots to become the leading professional woman of her age and mistress of the thrilling new power of the twentieth century: electricity. In this fascinating book, acclaimed biographer Henrietta Heald also illuminates the era in which the society was founded. From the moment when women in Britain were allowed to vote for the first time, and to stand for Parliament, she charts the changing attitudes to women's rights both in society and in the workplace. The #1 New York Times bestseller -WINNER OF ANISFIELD-WOLF AWARD FOR NONFICTION -WINNER BLACK CAUCUS OF AMERICAN LIBRARY ASSOCIATION BEST NONFICTION BOOK -WINNER NAACP IMAGE AWARD BEST NONFICTION BOOK -WINNER NATIONAL ACADEMIES OF SCIENCES, ENGINEERING AND MEDICINE COMMUNICATION AWARD The phenomenal true story of the black female mathematicians at NASA at the leading edge of the feminist and civil rights movement, whose calculations helped fuel some of America's greatest achievements in space—a powerful, revelatory

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contribution that is as essential to our understanding of race, discrimination, and achievement in modern America as *Between the World and Me* and *The Immortal Life of Henrietta Lacks*. The basis for the smash Academy Award-nominated film starring Taraji P. Henson, Octavia Spencer, Janelle Monae, Kirsten Dunst, and Kevin Costner. Before John Glenn orbited the earth, or Neil Armstrong walked on the moon, a group of dedicated female mathematicians known as “human computers” used pencils, slide rules and adding machines to calculate the numbers that would launch rockets, and astronauts, into space. Among these problem-solvers were a group of exceptionally talented African American women, some of the brightest minds of their generation. Originally relegated to teaching math in the South’s segregated public schools, they were called into service during the labor shortages of World War II, when America’s aeronautics industry was in dire need of anyone who had the right stuff. Suddenly, these overlooked math whizzes had a shot at jobs worthy of their skills, and they answered Uncle Sam’s call, moving to Hampton, Virginia and the fascinating, high-energy world of the Langley Memorial Aeronautical Laboratory. Even as Virginia’s Jim Crow laws required them to be segregated from their white counterparts, the women of Langley’s all-black “West Computing” group helped America achieve

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one of the things it desired most: a decisive victory over the Soviet Union in the Cold War, and complete domination of the heavens. Starting in World War II and moving through to the Cold War, the Civil Rights Movement and the Space Race, *Hidden Figures* follows the interwoven accounts of Dorothy Vaughan, Mary Jackson, Katherine Johnson and Christine Darden, four African American women who participated in some of NASA's greatest successes. It chronicles their careers over nearly three decades they faced challenges, forged alliances and used their intellect to change their own lives, and their country's future.

In the vein of *The Time Traveler's Wife* and *Life After Life*, *The Invisible Life of Addie LaRue* When Addie La Rue makes a pact with the devil, she trades her soul for immortality. But there's always a price - the devil takes away her place in the world, cursing her to be forgotten by everyone. Addie flees her tiny home town in 18th-Century France, beginning a journey that takes her across the world, learning to live a life where no one remembers her and everything she owns is lost and broken. Existing only as a muse for artists throughout history, she learns to fall in love anew every single day. Her only companion on this journey is her dark devil with hypnotic green eyes, who visits her each year on the anniversary of their deal. Alone in the world, Addie has no choice but to confront him, to understand

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him, maybe to beat him. Until one day, in a second hand bookshop in Manhattan, Addie meets someone who remembers her. Suddenly thrust back into a real, normal life, Addie realises she can't escape her fate forever.

Hidden Human Computers discusses how in the 1950s, black women made critical contributions to NASA by performing calculations that made it possible for the nation's astronauts to fly into space and return safely to Earth. Aligned to Common Core Standards and correlated to state standards.

Essential Library is an imprint of Abdo Publishing, a division of ABDO.

The riveting true story of the women who launched America into space. In the 1940s and 50s, when the newly minted Jet Propulsion Laboratory needed quick-thinking mathematicians to calculate velocities and plot trajectories, they didn't turn to male graduates. Rather, they recruited an elite group of young women who, with only pencil, paper, and mathematical prowess, transformed rocket design, helped bring about the first American satellites, and made the exploration of the solar system possible. For the first time, *Rise of the Rocket Girls* tells the stories of these women -- known as "human computers" -- who broke the boundaries of both gender and science. Based on extensive research and interviews with all the living members of the team, *Rise of the Rocket Girls* offers a unique

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perspective on the role of women in science: both where we've been, and the far reaches of space to which we're heading. "If Hidden Figures has you itching to learn more about the women who worked in the space program, pick up Nathalia Holt's lively, immensely readable history, *Rise of the Rocket Girls*." -- Entertainment Weekly

In *Human Computer: Mary Jackson, Engineer*, readers ages 5 to 8 learn what it was like for Mary Jackson to overcome challenges and become the first African American woman to work at NASA! Age-appropriate vocabulary, detailed illustrations, simple STEM projects such as designing paper airplanes, and a glossary all support foundational learning. Perfect for beginner readers or as a read aloud nonfiction picture book!

**WHAT IS THE STORY GRID?** The Story Grid is a tool developed by editor Shawn Coyne to analyze stories and provide helpful editorial comments. It's like a CT Scan that takes a photo of the global story and tells the editor or writer what is working, what is not, and what must be done to make what works better and fix what's not. The Story Grid breaks down the component parts of stories to identify the problems. And finding the problems in a story is almost as difficult as the writing of the story itself (maybe even more difficult). The Story Grid is a tool with many applications: 1. It will tell a writer if a Story ?works? or ?doesn't work. 2. It pinpoints story

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problems but does not emotionally abuse the writer, revealing exactly where a Story (not the person creating the Story/the Story) has failed. 3. It will tell the writer the specific work necessary to fix that Story's problems. 4. It is a tool to re-envision and resuscitate a seemingly irredeemable pile of paper stuck in an attic drawer. 5. It is a tool that can inspire an original creation.

Dick, Kerr Girls. It's 1917, and Britain is at war. Shy teenager Hettie wants to help the war effort, and signs up to work in the local Dick, Kerr & Co. munitions factory. She's nervous, but she has no idea quite how much her life is about to change . . . For, inside this factory are young women who are going to make sporting history. Can Hettie find the courage to join them, and in doing so, find her own place in the world? Based on the thrilling true story of the Dick, Kerr Ladies team – football's forgotten legends.

The old saying goes, "To the man with a hammer, everything looks like a nail." But anyone who has done any kind of project knows a hammer often isn't enough. The more tools you have at your disposal, the more likely you'll use the right tool for the job - and get it done right. The same is true when it comes to your thinking. The quality of your outcomes depends on the mental models in your head. And most people are going through life with little more than a hammer. Until now. The Great Mental

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Models: General Thinking Concepts is the first book in The Great Mental Models series designed to upgrade your thinking with the best, most useful and powerful tools so you always have the right one on hand. This volume details nine of the most versatile, all-purpose mental models you can use right away to improve your decision making, productivity, and how clearly you see the world. You will discover what forces govern the universe and how to focus your efforts so you can harness them to your advantage, rather than fight with them or worse yet- ignore them. Upgrade your mental toolbox and get the first volume today. AUTHOR BIOGRAPHY Farnam Street (FS) is one of the world's fastest growing websites, dedicated to helping our readers master the best of what other people have already figured out. We curate, examine and explore the timeless ideas and mental models that history's brightest minds have used to live lives of purpose. Our readers include students, teachers, CEOs, coaches, athletes, artists, leaders, followers, politicians and more. They're not defined by gender, age, income, or politics but rather by a shared passion for avoiding problems, making better decisions, and lifelong learning. AUTHOR HOME Ottawa, Ontario, Canada The surprising and compelling story of two rival geniuses in an all-out race to decode one of the world's most famous documents—the Rosetta Stone—and their twenty-year-long battle to solve the

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mystery of ancient Egypt's hieroglyphs. The Rosetta Stone is one of the most famous objects in the world, attracting millions of visitors to the British museum every year, and yet most people don't really know what it is. Discovered in a pile of rubble in 1799, this slab of stone proved to be the key to unlocking a lost language that baffled scholars for centuries. Carved in ancient Egypt, the Rosetta Stone carried the same message in different languages—in Greek using Greek letters, and in Egyptian using picture-writing called hieroglyphs. Until its discovery, no one in the world knew how to read the hieroglyphs that covered every temple and text and statue in Egypt.

Dominating the world for thirty centuries, ancient Egypt was the mightiest empire the world had ever known, yet everything about it—the pyramids, mummies, the Sphinx—was shrouded in mystery. Whoever was able to decipher the Rosetta Stone, and learn how to read hieroglyphs, would solve that mystery and fling open a door that had been locked for two thousand years. Two brilliant rivals set out to win that prize. One was English, the other French, at a time when England and France were enemies and the world's two great superpowers. *The Writing of the Gods* chronicles this high-stakes intellectual race in which the winner would win glory for both himself and his nation. A riveting portrait of empires both ancient and modern, this is an unparalleled look at the culture and history of ancient Egypt and a

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fascinating, fast-paced story of human folly and discovery unlike any other.

Katherine Johnson is the mathematical genius who helped make the historic Apollo 11 moon landings possible and made sure that Apollo 13 returned home safely when the mission was in critical danger. As a child, Katherine loved to count. She counted the steps on the road, the number of dishes and spoons she washed in the kitchen sink, everything! Boundless, curious, and excited by calculations, young Katherine longed to know as much as she could about maths, about the universe . . . Helaine Becker interviewed Katherine and her family for this authorized biography. From Katherine's early beginnings as a gifted student to her heroic accomplishments as a prominent mathematician at NASA, this is the true story of a groundbreaking African-American woman who went above and beyond what was expected of her in the 1960s, saving lives and making enormous contributions to history. Featuring Dow Phumiruk's gorgeous full-colour illustrations throughout.

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