

hidden figures pdf young readers' edition pdf

hidden figures pdf young readers' edition pdf is a highly sought-after resource for educators, parents, and young readers interested in learning about the remarkable contributions of African American women mathematicians at NASA. This edition of the popular book "Hidden Figures" is specially adapted to engage and educate younger audiences, providing an accessible narrative that highlights the achievements of Katherine Johnson, Dorothy Vaughan, and Mary Jackson. The young readers' edition presents complex historical and scientific concepts in a simplified and compelling way, making it an ideal educational tool for middle-grade students. This article delves into the availability, content, and educational benefits of the hidden figures pdf young readers' edition pdf, while also exploring its impact on promoting diversity in STEM fields. Additionally, practical information about how to use this edition in classrooms or at home will be discussed. The following sections provide a comprehensive overview and guide related to the hidden figures pdf young readers' edition pdf.

- Overview of Hidden Figures Young Readers' Edition
- Content and Themes Explored in the Edition
- Educational Benefits of the Hidden Figures PDF
- How to Access and Use the Hidden Figures PDF
- Impact on STEM Education and Diversity Awareness

Overview of Hidden Figures Young Readers' Edition

The hidden figures pdf young readers' edition pdf is a streamlined adaptation of Margot Lee Shetterly's original work, tailored specifically for children and young adolescents. This version maintains the core narrative of the groundbreaking African American women who played pivotal roles in NASA's early space missions. It captures their perseverance and intellectual prowess during an era marked by racial segregation and gender discrimination. The young readers' edition simplifies complex scientific language and historical context without compromising the inspirational essence of the story. It includes carefully selected illustrations and side notes to enhance comprehension, making it an excellent introduction to American history, civil rights, and STEM achievements for younger audiences.

Background of the Book

The original "Hidden Figures" was published to shed light on the overlooked contributions of African American female mathematicians. The young readers' edition adapts this narrative to suit the cognitive and emotional maturity of middle-grade readers. It emphasizes storytelling techniques that engage

curiosity and empathy while educating about mathematics, physics, and social justice.

Target Audience

This edition is designed primarily for children aged 8 to 12, but it also serves as a valuable resource for educators and parents looking to introduce young learners to significant historical figures in science and social progress. The approachable language and age-appropriate content ensure accessibility without diluting the historical accuracy or inspirational message.

Content and Themes Explored in the Edition

The hidden figures pdf young readers' edition pdf covers numerous essential themes, including perseverance, equality, and the power of education. It portrays the lives and careers of Katherine Johnson, Dorothy Vaughan, and Mary Jackson, focusing on their roles as mathematicians and engineers during NASA's space race era. The book also highlights the societal challenges they faced, including segregation and limited professional opportunities based on race and gender.

Key Historical Events

The edition details significant moments in American history, such as the Civil Rights Movement and the Cold War space race, contextualizing the women's achievements within these broader developments. It explains how their calculations contributed to John Glenn's historic orbital flight and other NASA missions.

Scientific Concepts Explained

To facilitate understanding, the book breaks down complex scientific and mathematical concepts like orbital mechanics, trajectory calculations, and aerodynamics into simplified explanations. These concepts are presented through engaging anecdotes to spark interest in STEM subjects among young readers.

Social and Cultural Themes

The young readers' edition underscores the importance of resilience and determination in overcoming systemic barriers. It also promotes discussions about diversity, equity, and inclusion, encouraging young readers to appreciate the value of different perspectives in scientific progress.

Educational Benefits of the Hidden Figures PDF

The hidden figures pdf young readers' edition pdf serves as an effective educational tool by combining historical biography with STEM learning. It

supports curriculum standards related to history, science, and social studies, making it a versatile resource in classroom settings. The digital format allows for easy distribution and accessibility, enabling educators to incorporate the material into lesson plans and reading assignments efficiently.

Enhancing Literacy and Critical Thinking

By reading about real-life figures and historical events, students develop reading comprehension and analytical skills. The narrative encourages critical thinking about social justice issues while connecting science to everyday life.

Inspiring Interest in STEM Fields

Highlighting the achievements of women in STEM serves as motivation for young readers, especially girls and minorities, to pursue interests in science, technology, engineering, and mathematics. The edition's focus on problem-solving and perseverance provides practical role models.

Supporting Diversity and Inclusion Education

Integrating stories of underrepresented groups into education helps foster empathy and cultural awareness. This edition contributes to building a more inclusive classroom environment by presenting positive representations of African American women in historically male-dominated fields.

How to Access and Use the Hidden Figures PDF

The hidden figures pdf young readers' edition pdf can be obtained through various educational platforms and authorized distributors. It is often available for purchase or loan in digital libraries, making it accessible for schools and families. Using the PDF format offers the advantage of portability and the ability to use interactive features if supported by the reading device.

Purchasing and Downloading Options

Authorized sellers and educational websites provide the young readers' edition in PDF format. Schools may acquire licenses for classroom use, while individual readers can buy digital copies from reputable sources.

Integrating into Lesson Plans

Educators can utilize the PDF to complement history and science curriculum components. The text can be divided into chapters for guided reading sessions, and discussion questions can be developed around key themes to enhance engagement.

Supplementary Materials

Some versions of the hidden figures pdf young readers' edition pdf come with additional resources such as activity guides, quizzes, and biographical notes. These supplements enrich the learning experience and provide diverse methods for reinforcing the book's lessons.

Impact on STEM Education and Diversity Awareness

The hidden figures pdf young readers' edition pdf plays a significant role in promoting STEM education and raising awareness about diversity in science and technology. By bringing attention to the achievements of African American women at NASA, it challenges traditional narratives and inspires a new generation of learners.

Encouraging STEM Participation

Representation matters, and this edition helps close the gap by providing relatable role models for young students who may not see themselves reflected in standard textbooks. It encourages participation in STEM activities and careers by highlighting real success stories.

Addressing Historical Inequities

The book contributes to correcting historical omissions by documenting the vital contributions of marginalized groups. This fosters a more accurate and inclusive understanding of history and science among young readers.

Promoting Social Change Through Education

Educational materials like this edition can have a lasting impact by shaping attitudes and values. It helps cultivate a culture of inclusion and respect, which is essential for future innovation and societal progress.

- Provides inspirational stories of African American women mathematicians
- Supports STEM learning with simplified scientific explanations
- Facilitates discussions on diversity, equity, and inclusion
- Accessible in PDF format for easy use in classrooms and homes
- Offers supplementary educational resources for enhanced learning

Frequently Asked Questions

What is the 'Hidden Figures Young Readers' Edition' PDF about?

The 'Hidden Figures Young Readers' Edition' PDF is a simplified and accessible version of the original book that tells the inspiring true story of African-American female mathematicians at NASA who played crucial roles in the space race.

Where can I find a free or affordable PDF of 'Hidden Figures Young Readers' Edition'?

While official free PDFs are rarely available due to copyright, you can check libraries, educational websites, or purchase the eBook from authorized retailers like Amazon or Barnes & Noble for a legitimate copy.

Is the 'Hidden Figures Young Readers' Edition' suitable for middle school students?

Yes, the Young Readers' Edition is specifically adapted to be age-appropriate and engaging for middle school students, typically ages 8-12, with simplified language and illustrations.

How does the Young Readers' Edition differ from the original 'Hidden Figures' book?

The Young Readers' Edition uses simpler language, includes more illustrations, and focuses on making the story accessible and engaging for younger audiences while preserving the core historical facts.

Can educators use the 'Hidden Figures Young Readers' Edition' PDF for classroom teaching?

Yes, many educators use the Young Readers' Edition to teach students about history, mathematics, and social justice. It's a useful resource for lessons on STEM and civil rights.

Are there any study guides or companion materials available with the 'Hidden Figures Young Readers' Edition' PDF?

Yes, there are study guides and activity books available online from various educational publishers that complement the Young Readers' Edition, helping students deepen their understanding.

Is the 'Hidden Figures Young Readers' Edition' PDF interactive or does it include multimedia elements?

Typically, the PDF version is a static document without multimedia. However, some digital versions available through educational platforms may include

interactive features or links to additional resources.

Additional Resources

1. *Hidden Figures Young Readers' Edition*

This is a specially adapted version of Margot Lee Shetterly's acclaimed book, designed for young readers. It tells the inspiring true story of African American women mathematicians at NASA who played crucial roles in the space race. The book highlights themes of perseverance, intelligence, and breaking barriers.

2. *Counting on Katherine: How Katherine Johnson Saved Apollo 13*

By Helaine Becker, this book focuses on Katherine Johnson, a brilliant mathematician whose calculations helped save the Apollo 13 mission. It provides an accessible and engaging narrative for young readers, emphasizing the importance of math and determination.

3. *Mae Among the Stars*

Written by Roda Ahmed, this picture book biography celebrates Mae Jemison, the first African American woman astronaut. It encourages children to dream big and pursue careers in science and technology despite obstacles.

4. *Women of NASA: A Story of Persistence*

This book by Thea Feldman profiles various women who have contributed to NASA's success. It includes stories of diverse women, including scientists, engineers, and astronauts, inspiring young readers to explore STEM fields.

5. *Rocket to the Moon!*

Authored by Don Brown, this illustrated book chronicles the history of the space race with vivid artwork and simple text. It introduces young readers to key figures and events, making complex history accessible and exciting.

6. *Dream Big, Little Scientists!*

By Dianna Hutts Aston, this book encourages young readers, especially girls, to pursue science and explore their curiosity. It features inspiring stories of women scientists and their groundbreaking work.

7. *Hidden Figures: The True Story of Four Black Women and the Space Race (Graphic Novel)*

This graphic novel adaptation offers a visually engaging retelling of the Hidden Figures story. It is perfect for reluctant readers and those who enjoy comics, bringing historical figures to life with illustrations.

8. *Before She Was Harriet*

Written by Lesa Cline-Ransome, this biography explores the many roles of Harriet Tubman, a historic figure who broke barriers in her time. While not directly about NASA, it complements Hidden Figures by showcasing African American women's strength and courage.

9. *Girls Think of Everything: Stories of Ingenious Inventions by Women*

By Catherine Thimmesh, this book shares stories of female inventors throughout history. It inspires young readers by highlighting creativity, problem-solving, and the impact of women's contributions to science and technology.

Hidden Figures Pdf Young Readers Edition Pdf

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Hidden Figures: Young Readers' Edition

Discover the untold stories of brilliance and perseverance! Are you tired of history books that only tell half the story? Do you crave inspiring tales of courage and achievement that go beyond the usual narratives? Finding engaging and accurate resources about the vital contributions of women and people of color to STEM can be frustrating. Many young readers miss out on crucial perspectives and role models, leaving a significant gap in their understanding of history and the power of diversity in science. This book addresses that gap.

This engaging young readers' edition of Hidden Figures brings the incredible true stories of Katherine Johnson, Dorothy Vaughan, and Mary Jackson to life for a new generation. It simplifies the complex scientific concepts without sacrificing the power and impact of their achievements. This ensures young readers can understand and be inspired by these pioneering women.

Meet Hidden Figures: A Young Reader's Journey to the Stars by Dr. Evelyn Reed

Introduction: Introducing Katherine Johnson, Dorothy Vaughan, and Mary Jackson – Their dreams and the challenges they faced.

Chapter 1: Breaking Barriers: Overcoming racial and gender segregation in education and the workplace.

Chapter 2: Numbers and NASA: Exploring the vital mathematical calculations crucial for space exploration.

Chapter 3: The Power of Teamwork: The collaborative spirit and friendship between Katherine, Dorothy, and Mary.

Chapter 4: Leaving a Legacy: The lasting impact of their contributions to science and society.

Conclusion: Celebrating their achievements and inspiring future generations of scientists and dreamers.

Hidden Figures: A Young Reader's Journey to the Stars – An In-Depth Exploration

Introduction: Introducing Katherine Johnson, Dorothy

Vaughan, and Mary Jackson - Their Dreams and the Challenges They Faced.

The story of Hidden Figures isn't just about math and space; it's about overcoming insurmountable obstacles. This introduction sets the stage by introducing Katherine Johnson, Dorothy Vaughan, and Mary Jackson as individuals with extraordinary dreams. We explore their early lives, highlighting the unique challenges they faced as African American women in a deeply segregated society. This isn't just about stating facts; it's about painting a vivid picture of their resilience and determination in the face of systemic racism and sexism. We explore their educational journeys, the limitations they encountered, and the unwavering spirit that propelled them forward. This section establishes the context for their later achievements, showcasing their ambition in a world determined to hold them back.

Chapter 1: Breaking Barriers - Overcoming Racial and Gender Segregation in Education and the Workplace.

This chapter delves into the harsh realities of segregation in mid-20th century America. We detail the separate-but-unequal educational systems that limited opportunities for African Americans, and specifically, the struggles faced by women aiming for higher education and STEM careers. We'll examine the pervasive societal biases that minimized their potential and the systemic barriers they had to dismantle to even gain entry into the workforce, let alone excel within it. The stories of their perseverance against prejudice form the backbone of this chapter. We'll explore specific instances where they faced discrimination and how they navigated these challenges through sheer talent, determination, and unwavering support from select individuals. This section aims to show young readers how prejudice manifests and the power of individual resistance against injustice.

Chapter 2: Numbers and NASA - Exploring the Vital Mathematical Calculations Crucial for Space Exploration.

This chapter transforms the seemingly abstract world of mathematics into an exciting adventure. We explain the crucial role mathematics played in the early days of the Space Race, focusing on the detailed calculations performed by Katherine, Dorothy, and Mary. This section will carefully break down complex concepts into easily digestible portions for young readers. We'll focus on the specific contributions of each woman: Katherine's trajectory calculations, Dorothy's groundbreaking work with FORTRAN programming, and Mary's engineering feats. We'll use clear, concise language and possibly include diagrams or illustrations to make these complex mathematical concepts more accessible and engaging. The chapter also emphasizes the immense pressure they faced ensuring

the accuracy of these calculations – lives depended on their precision.

Chapter 3: The Power of Teamwork - The Collaborative Spirit and Friendship Between Katherine, Dorothy, and Mary.

Despite the individual brilliance of each woman, this chapter underscores the power of collaboration and the importance of supportive relationships. We'll explore the strong bonds of friendship that developed between Katherine, Dorothy, and Mary. Their ability to work together, support each other, and overcome challenges as a team played a significant role in their success. We'll show how they helped each other navigate the difficult professional landscape, sharing knowledge, offering encouragement, and providing emotional support. This chapter highlights the strength found in community and the importance of mentorship. It showcases how collaborative efforts can be more effective than individual pursuits, especially in a challenging environment.

Chapter 4: Leaving a Legacy - The Lasting Impact of Their Contributions to Science and Society.

This concluding chapter moves beyond the personal stories of Katherine, Dorothy, and Mary to address their lasting impact. We will analyze the ripple effect of their achievements on the fields of science, technology, engineering, and mathematics (STEM), highlighting how their work paved the way for future generations of women and people of color in these fields. We will discuss the lasting significance of their contributions to NASA and the Space Race. This section will inspire readers to consider their own potential to make a difference, emphasizing how the accomplishments of these pioneers continue to inspire and motivate. We will explore how their stories contribute to a more inclusive and accurate portrayal of history.

Conclusion: Celebrating Their Achievements and Inspiring Future Generations of Scientists and Dreamers.

The conclusion celebrates the enduring legacy of Katherine Johnson, Dorothy Vaughan, and Mary Jackson, emphasizing the importance of recognizing and celebrating unsung heroes. It serves as a powerful call to action, encouraging young readers to pursue their dreams, regardless of the obstacles they may encounter. The conclusion underscores the importance of diversity and inclusion

in STEM fields and inspires readers to strive for excellence and make their own unique contributions to the world. It serves as a powerful reminder that everyone has the potential to make a significant impact.

FAQs

1. What age group is this book for? This book is aimed at young readers aged 8-14, but can be enjoyed by older readers as well.
2. What makes this a "Young Readers' Edition"? The language is simplified, and the complex scientific concepts are explained in an age-appropriate manner, making it accessible and engaging for younger readers.
3. Is this book historically accurate? Yes, the book is based on meticulous research and strives for historical accuracy while remaining engaging for young readers.
4. Are there any illustrations? Yes, the book will include illustrations to enhance understanding and engagement.
5. What is the overall tone of the book? The tone is inspiring, hopeful, and empowering, celebrating the resilience and achievements of these extraordinary women.
6. How does this book address diversity and inclusion? The book prominently features the stories of African American women who were historically marginalized, promoting a more inclusive and accurate understanding of history.
7. What are the key takeaways for young readers? The book teaches perseverance, the importance of STEM education, the power of teamwork, and the impact of overcoming prejudice.
8. Is this book suitable for classroom use? Absolutely! It's an excellent resource for educators seeking to incorporate diverse perspectives and inspiring stories into their curriculum.
9. Where can I purchase the ebook? [Insert link to purchase here]

Related Articles

1. The Mathematics Behind NASA's Success: A deep dive into the mathematical principles used in space exploration, specifically focusing on the calculations performed by Katherine Johnson.

2. The Untold Stories of Women in STEM: An exploration of other women who have made significant contributions to STEM fields but whose stories have been overlooked.
3. Overcoming Segregation in Education: A historical analysis of the challenges faced by African Americans in accessing quality education and the strategies used to overcome these obstacles.
4. The Role of FORTRAN in Early Computing: An explanation of the programming language FORTRAN and its importance in early space exploration computations.
5. The Evolution of Aerospace Engineering: A chronological overview of the development of aerospace engineering and the significant milestones achieved.
6. The Importance of Mentorship in STEM: A discussion of the role of mentors in supporting and guiding young people interested in STEM careers.
7. Hidden Figures and the Civil Rights Movement: An exploration of the connections between the achievements of Hidden Figures and the broader context of the Civil Rights Movement.
8. Celebrating Black History Month Through STEM: A collection of biographies of prominent African American figures who have made outstanding contributions to STEM.
9. Inspiring the Next Generation of STEM Leaders: Strategies and resources for encouraging young people, particularly girls and students of color, to pursue careers in STEM.

hidden figures pdf young readers edition pdf: Hidden Figures Margot Lee Shetterly, 2018-05-08 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.

hidden figures pdf young readers edition pdf: Hidden Figures Young Readers' Edition Margot Lee Shetterly, 2016-11-29 The uplifting, amazing true story—a New York Times bestseller! This edition of Margot Lee Shetterly's acclaimed book is perfect for young readers. It's the powerful story of four African-American female mathematicians at NASA who helped achieve some of the greatest moments in our space program. 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, 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.

hidden figures pdf young readers edition pdf: Hidden Figures Margot Lee Shetterly, 2016 #1 New York Times Bestseller NOW A MAJOR MOTION PICTURE Oscar Nominated For Best Picture and Best Adapted Screenplay Set amid the civil rights movement, the never-before-told true story of NASA's African-American female mathematicians who played a crucial role in America's space program. Before Neil Armstrong walked on the moon, a group of professionals worked as 'Human Computers', calculating the flight paths that would enable these historic achievements. Among these were a coterie of bright, talented African-American women. Segregated from their white counterparts, these 'colored computers' used pencil and paper to write the equations that would launch rockets, and astronauts, into space. Moving from World War II through NASA's golden age, touching on the civil rights era, the Space Race, the Cold War, and the women's rights movement, *Hidden Figures* interweaves a rich history of mankind's greatest adventure with the intimate stories of five courageous women whose work forever changed the world.

hidden figures pdf young readers edition pdf: Hidden Figures , 2016 BRILLIANT AFRICAN AMERICAN WOMEN WORKING AT NASA WHO SERVED AS THE BRAINS BEHIND THE LAUNCH INTO ORBIT OF ASTRONAUT JOHN GLENN.

hidden figures pdf young readers edition pdf: *Sophie's World* Jostein Gaarder, 2007-03-20 A page-turning novel that is also an exploration of the great philosophical concepts of Western thought, Jostein Gaarder's *Sophie's World* has fired the imagination of readers all over the world, with more than twenty million copies in print. One day fourteen-year-old Sophie Amundsen comes home from school to find in her mailbox two notes, with one question on each: Who are you? and Where does the world come from? From that irresistible beginning, Sophie becomes obsessed with questions that take her far beyond what she knows of her Norwegian village. Through those letters, she enrolls in a kind of correspondence course, covering Socrates to Sartre, with a mysterious philosopher, while receiving letters addressed to another girl. Who is Hilde? And why does her mail keep turning up? To unravel this riddle, Sophie must use the philosophy she is learning—but the truth turns out to be far more complicated than she could have imagined.

hidden figures pdf young readers edition pdf: *A Little History of the World* E. H. Gombrich, 2014-10-01 E. H. Gombrich's *Little History of the World*, though written in 1935, has become one of the treasures of historical writing since its first publication in English in 2005. The Yale edition alone has now sold over half a million copies, and the book is available worldwide in almost thirty languages. Gombrich was of course the best-known art historian of his time, and his text suggests illustrations on every page. This illustrated edition of the *Little History* brings together the pellucid humanity of his narrative with the images that may well have been in his mind's eye as he wrote the book. The two hundred illustrations—most of them in full color—are not simple embellishments, though they are beautiful. They emerge from the text, enrich the author's intention, and deepen the pleasure of reading this remarkable work. For this edition the text is reset in a spacious format, flowing around illustrations that range from paintings to line drawings, emblems, motifs, and symbols. The book incorporates freshly drawn maps, a revised preface, and a new index. Blending high-grade design, fine paper, and classic binding, this is both a sumptuous gift book and an enhanced edition of a timeless account of human history.

hidden figures pdf young readers edition pdf: *Unbroken* Laura Hillenbrand, 2014-07-29 #1 NEW YORK TIMES BESTSELLER • NOW A MAJOR MOTION PICTURE • Look for special features inside. Join the Random House Reader's Circle for author chats and more. In boyhood, Louis Zamperini was an incorrigible delinquent. As a teenager, he channeled his defiance into running, discovering a prodigious talent that had carried him to the Berlin Olympics. But when World War II began, the athlete became an airman, embarking on a journey that led to a doomed flight on a May afternoon in 1943. When his Army Air Forces bomber crashed into the Pacific Ocean, against all odds, Zamperini survived, adrift on a foundering life raft. Ahead of Zamperini lay thousands of miles of open ocean, leaping sharks, thirst and starvation, enemy aircraft, and, beyond, a trial even greater. Driven to the limits of endurance, Zamperini would answer desperation with ingenuity; suffering with hope, resolve, and humor; brutality with rebellion. His fate, whether triumph or

tragedy, would be suspended on the fraying wire of his will. Appearing in paperback for the first time—with twenty arresting new photos and an extensive Q&A with the author—Unbroken is an unforgettable testament to the resilience of the human mind, body, and spirit, brought vividly to life by Seabiscuit author Laura Hillenbrand. Hailed as the top nonfiction book of the year by Time magazine • Winner of the Los Angeles Times Book Prize for biography and the Indies Choice Adult Nonfiction Book of the Year award “Extraordinarily moving . . . a powerfully drawn survival epic.”—The Wall Street Journal “[A] one-in-a-billion story . . . designed to wrench from self-respecting critics all the blurby adjectives we normally try to avoid: It is amazing, unforgettable, gripping, harrowing, chilling, and inspiring.”—New York “Staggering . . . mesmerizing . . . Hillenbrand’s writing is so ferociously cinematic, the events she describes so incredible, you don’t dare take your eyes off the page.”—People “A meticulous, soaring and beautifully written account of an extraordinary life.”—The Washington Post “Ambitious and powerful . . . a startling narrative and an inspirational book.”—The New York Times Book Review “Magnificent . . . incredible . . . [Hillenbrand] has crafted another masterful blend of sports, history and overcoming terrific odds; this is biography taken to the nth degree, a chronicle of a remarkable life lived through extraordinary times.”—The Dallas Morning News “An astonishing testament to the superhuman power of tenacity.”—Entertainment Weekly “A tale of triumph and redemption . . . astonishingly detailed.”—O: The Oprah Magazine “[A] masterfully told true story . . . nothing less than a marvel.”—Washingtonian “[Hillenbrand tells this] story with cool elegance but at a thrilling sprinter’s pace.”—Time “Hillenbrand [is] one of our best writers of narrative history. You don’t have to be a sports fan or a war-history buff to devour this book—you just have to love great storytelling.”—Rebecca Skloot, author of *The Immortal Life of Henrietta Lacks*

hidden figures pdf young readers edition pdf: Reaching for the Moon Katherine Johnson, 2020-05-05 “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.

hidden figures pdf young readers edition pdf: Henry Heckelbeck Gets a Dragon Wanda Coven, 2019-12-10 Heidi Heckelbeck’s younger brother Henry finds his own magical Book of Spells in this first Henry Heckelbeck adventure! Henry Heckelbeck is just like any other normal kid. He plays soccer. He isn’t a huge fan of homework. He even has an older sister, Heidi. What’s not so normal about Henry is his family. His sister and mom are magic. Not Henry, though...he’s just a normal kid. Or is he? Henry Heckelbeck is starting a new year of school. He has a new teacher, makes new friends, and discovers that he has some magical powers of his own thanks to a Book of Spells he finds in his bedroom. But magic can be tricky and when Henry accidentally brings his toy dragon to life, his days of being a normal kid are over. With easy-to-read language and illustrations on almost every page, the Henry Heckelbeck chapter books are perfect for beginning readers.

hidden figures pdf young readers edition pdf: A. Philip Randolph Jervis Anderson, 1986 ‘Anderson...details with rare journalistic insight Randolph's meteoric rise from a young radical and street orator in Harlem to the most sought-after black in the labor movement...’ -Malcolm Poindexter, *The Philadelphia Bulletin*

hidden figures pdf young readers edition pdf: The Circle Dave Eggers, 2013-10-08

INTERNATIONAL BESTSELLER • A bestselling dystopian novel that tackles surveillance, privacy and the frightening intrusions of technology in our lives—a “compulsively readable parable for the 21st century” (Vanity Fair). When Mae Holland is hired to work for the Circle, the world’s most powerful internet company, she feels she’s been given the opportunity of a lifetime. The Circle, run out of a sprawling California campus, links users’ personal emails, social media, banking, and purchasing with their universal operating system, resulting in one online identity and a new age of civility and transparency. As Mae tours the open-plan office spaces, the towering glass dining facilities, the cozy dorms for those who spend nights at work, she is thrilled with the company’s modernity and activity. There are parties that last through the night, there are famous musicians playing on the lawn, there are athletic activities and clubs and brunches, and even an aquarium of rare fish retrieved from the Marianas Trench by the CEO. Mae can’t believe her luck, her great fortune to work for the most influential company in the world—even as life beyond the campus grows distant, even as a strange encounter with a colleague leaves her shaken, even as her role at the Circle becomes increasingly public. What begins as the captivating story of one woman’s ambition and idealism soon becomes a heart-racing novel of suspense, raising questions about memory, history, privacy, democracy, and the limits of human knowledge.

hidden figures pdf young readers edition pdf: I Am Malala Malala Yousafzai, Patricia

McCormick, 2014-08-19 Written in collaboration with critically acclaimed NATIONAL BOOK AWARD finalist Patricia McCormick, Malala tells her story - from her childhood in the Swat Valley to the shooting, her recovery and new life in England. She's a girl who loves cricket, gossips with her best friends, and, on the day of the shooting, nearly overslept and missed an exam. A girl who saw women suddenly banned from public, schools blown up, the Taliban seize control, and her homeland descend into a state of fear and repression. This is the story of her life, and also of her passionate belief in every child's right to education, her determination to make that a reality throughout the world, and her hope to inspire others.

hidden figures pdf young readers edition pdf: Among the Betrayed Margaret Peterson

Haddix, 2011-07-26 In the third installment of Haddix's series about a futuristic society in which families are forbidden to have more than two children, Nina, a secondary character in *Among the Impostors*, is falsely accused of treason and imprisoned by the Population Police. Her interrogator gives her an ultimatum: either she can get three other child prisoners, illegal third-borns like Nina, to reveal who harbored them and where they got their fake identification cards, or she will be executed. Nina sees a chance to escape the prison and, taking the prisoners with her, quickly discovers their street smarts. But when their food supply runs out, Nina seeks the boy she knew as Lee.

hidden figures pdf young readers edition pdf: Mathematics for Machine Learning Marc

Peter Deisenroth, A. Aldo Faisal, Cheng Soon Ong, 2020-04-23 The fundamental mathematical tools needed to understand machine learning include linear algebra, analytic geometry, matrix decompositions, vector calculus, optimization, probability and statistics. These topics are traditionally taught in disparate courses, making it hard for data science or computer science students, or professionals, to efficiently learn the mathematics. This self-contained textbook bridges the gap between mathematical and machine learning texts, introducing the mathematical concepts with a minimum of prerequisites. It uses these concepts to derive four central machine learning methods: linear regression, principal component analysis, Gaussian mixture models and support vector machines. For students and others with a mathematical background, these derivations provide a starting point to machine learning texts. For those learning the mathematics for the first time, the methods help build intuition and practical experience with applying mathematical concepts. Every chapter includes worked examples and exercises to test understanding. Programming tutorials are offered on the book's web site.

hidden figures pdf young readers edition pdf: Code Charles Petzold, 2022-08-02 The classic

guide to how computers work, updated with new chapters and interactive graphics For me, Code

was a revelation. It was the first book about programming that spoke to me. It started with a story, and it built up, layer by layer, analogy by analogy, until I understood not just the Code, but the System. Code is a book that is as much about Systems Thinking and abstractions as it is about code and programming. Code teaches us how many unseen layers there are between the computer systems that we as users look at every day and the magical silicon rocks that we infused with lightning and taught to think. - Scott Hanselman, Partner Program Director, Microsoft, and host of Hanselminutes Computers are everywhere, most obviously in our laptops and smartphones, but also our cars, televisions, microwave ovens, alarm clocks, robot vacuum cleaners, and other smart appliances. Have you ever wondered what goes on inside these devices to make our lives easier but occasionally more infuriating? For more than 20 years, readers have delighted in Charles Petzold's illuminating story of the secret inner life of computers, and now he has revised it for this new age of computing. Cleverly illustrated and easy to understand, this is the book that cracks the mystery. You'll discover what flashlights, black cats, seesaws, and the ride of Paul Revere can teach you about computing, and how human ingenuity and our compulsion to communicate have shaped every electronic device we use. This new expanded edition explores more deeply the bit-by-bit and gate-by-gate construction of the heart of every smart device, the central processing unit that combines the simplest of basic operations to perform the most complex of feats. Petzold's companion website, CodeHiddenLanguage.com, uses animated graphics of key circuits in the book to make computers even easier to comprehend. In addition to substantially revised and updated content, new chapters include: Chapter 18: Let's Build a Clock! Chapter 21: The Arithmetic Logic Unit Chapter 22: Registers and Busses Chapter 23: CPU Control Signals Chapter 24: Jumps, Loops, and Calls Chapter 28: The World Brain From the simple ticking of clocks to the worldwide hum of the internet, Code reveals the essence of the digital revolution.

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MEMOIR BY THE YOUNGEST RECIPIENT OF THE NOBEL PEACE PRIZE As seen on Netflix with David Letterman I come from a country that was created at midnight. When I almost died it was just after midday. When the Taliban took control of the Swat Valley in Pakistan, one girl spoke out. Malala Yousafzai refused to be silenced and fought for her right to an education. On Tuesday, October 9, 2012, when she was fifteen, she almost paid the ultimate price. She was shot in the head at point-blank range while riding the bus home from school, and few expected her to survive. Instead, Malala's miraculous recovery has taken her on an extraordinary journey from a remote valley in northern Pakistan to the halls of the United Nations in New York. At sixteen, she became a global symbol of peaceful protest and the youngest nominee ever for the Nobel Peace Prize. I AM MALALA is the remarkable tale of a family uprooted by global terrorism, of the fight for girls' education, of a father who, himself a school owner, championed and encouraged his daughter to write and attend school, and of brave parents who have a fierce love for their daughter in a society that prizes sons. I AM MALALA will make you believe in the power of one person's voice to inspire change in the world.

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Douhet, 2014-08-15 In the pantheon of air power spokesmen, Giulio Douhet holds center stage. His writings, more often cited than perhaps actually read, appear as excerpts and aphorisms in the writings of numerous other air power spokesmen, advocates-and critics. Though a highly controversial figure, the very controversy that surrounds him offers to us a testimonial of the value and depth of his work, and the need for airmen today to become familiar with his thought. The progressive development of air power to the point where, today, it is more correct to refer to aerospace power has not outdated the notions of Douhet in the slightest In fact, in many ways, the kinds of technological capabilities that we enjoy as a global air power provider attest to the breadth of his vision. Douhet, together with Hugh "Boom" Trenchard of Great Britain and William "Billy" Mitchell of the United States, is justly recognized as one of the three great spokesmen of the early air power era. This reprint is offered in the spirit of continuing the dialogue that Douhet himself so perceptively began with the first edition of this book, published in 1921. Readers may well find much that they disagree with in this book, but also much that is of enduring value. The vital necessity of Douhet's central vision-that command of the air is all important in modern warfare-has been proven throughout the history of wars in this century, from the fighting over the Somme to the air war over Kuwait and Iraq.

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Instant #1 New York Times Bestseller! An Instant Indie Bestseller! *An Amazon Best Book of the Year * A B&N Best Book of the Year* A great gift for tiny go-getters and big dreamers, including for back to school! NBA champion and superstar LeBron James pens a slam-dunk picture book inspired by his foundation's I PROMISE program that motivates children everywhere to always #StriveForGreatness. Just a kid from Akron, Ohio, who is dedicated to uplifting youth everywhere, LeBron James knows the key to a better future is to excel in school, do your best, and keep your family close. I Promise is a lively and inspiring picture book that reminds us that tomorrow's success starts with the promises we make to ourselves and our community today. Featuring James's upbeat, rhyming text and vibrant illustrations perfectly crafted for a diverse audience by #1 New York Times bestselling and Geisel Honor winning artist Nina Mata, this book has the power to inspire all children and families to be their best. Perfect for shared reading in and out of the classroom, I Promise is also a great gift for graduation, birthdays, and other occasions. Plus check out the audiobook, read by LeBron James's mother and I Promise School supporter Gloria James!

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of the subject: the law of large numbers and the central limit theorem. The important probability distributions are introduced organically as they arise from applications. The discrete and continuous sides of probability are treated together to emphasize their similarities. Intended for students with a calculus background, the text teaches not only the nuts and bolts of probability theory and how to solve specific problems, but also why the methods of solution work.

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Madman, tyrant, animal—history has given Adolf Hitler many names. In *Mein Kampf* (My Struggle), often called the Nazi bible, Hitler describes his life, frustrations, ideals, and dreams. Born to an impoverished couple in a small town in Austria, the young Adolf grew up with the fervent desire to become a painter. The death of his parents and outright rejection from art schools in Vienna forced him into underpaid work as a laborer. During the First World War, Hitler served in the infantry and was decorated for bravery. After the war, he became actively involved with socialist political groups and quickly rose to power, establishing himself as Chairman of the National Socialist German Worker's party. In 1924, Hitler led a coalition of nationalist groups in a bid to overthrow the Bavarian government in Munich. The infamous Munich Beer-hall putsch was unsuccessful, and Hitler was arrested. During the nine months he was in prison, an embittered and frustrated Hitler dictated a personal manifesto to his loyal follower Rudolph Hess. He vented his sentiments against communism and the Jewish people in this document, which was to become *Mein Kampf*, the controversial book that is seen as the blue-print for Hitler's political and military campaign. In *Mein Kampf*, Hitler describes his strategy for rebuilding Germany and conquering Europe. It is a glimpse into the mind of a man who destabilized world peace and pursued the genocide now known as the Holocaust.

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H. Kutner, 2005 Linear regression with one predictor variable; Inferences in regression and correlation analysis; Diagnostic and remedial measures; Simultaneous inferences and other topics in regression analysis; Matrix approach to simple linear regression analysis; Multiple linear regression; Nonlinear regression; Design and analysis of single-factor studies; Multi-factor studies; Specialized study designs.

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this revolutionary book, a renowned computer scientist explains the importance of teaching children the basics of computing and how it can prepare them to succeed in the ever-evolving tech world. Computers have completely changed the way we teach children. We have *Mindstorms* to thank for that. In this book, pioneering computer scientist Seymour Papert uses the invention of LOGO, the first child-friendly programming language, to make the case for the value of teaching children with computers. Papert argues that children are more than capable of mastering computers, and that teaching computational processes like de-bugging in the classroom can change the way we learn everything else. He also shows that schools saturated with technology can actually improve socialization and interaction among students and between students and teachers. Technology changes every day, but the basic ways that computers can help us learn remain. For thousands of teachers and parents who have sought creative ways to help children learn with computers, *Mindstorms* is their bible.

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