

hidden figures picture book

hidden figures picture book is a captivating introduction to the incredible stories of African American women mathematicians who made significant contributions to NASA and the space race. This article explores the origins, themes, and educational value of the Hidden Figures picture book, delving into its historical context and its impact on young readers. Readers will discover what sets the hidden figures picture book apart from other children's literature, learn about its main characters, and understand why it has become a beloved resource in classrooms and homes alike. This guide also examines the book's illustrations, its role in promoting diversity in STEM, and tips for parents and educators. Whether you are a teacher, parent, or young reader, this comprehensive overview will help you appreciate the enduring significance of the hidden figures picture book and how it brings the inspiring legacy of Katherine Johnson, Dorothy Vaughan, Mary Jackson, and Christine Darden to life.

- Understanding the Hidden Figures Picture Book
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Understanding the Hidden Figures Picture Book

The hidden figures picture book is a beautifully illustrated adaptation of the bestselling nonfiction book and acclaimed film, designed specifically for younger readers. This version introduces children to the real-life stories of four trailblazing African American women mathematicians at NASA. The book simplifies complex historical events, making them accessible and engaging for early elementary students. By using vivid language and captivating imagery, the hidden figures picture book inspires curiosity in STEM fields and celebrates the power of determination and intellect. The book's narrative highlights the value of teamwork, the importance of education, and the impact of overcoming obstacles in pursuit of dreams.

The True Story Behind Hidden Figures

The hidden figures picture book is based on the true stories of Katherine Johnson, Dorothy Vaughan, Mary Jackson, and Christine Darden. These women worked at NASA during a time when both racial segregation and gender discrimination were prevalent in the United States. Despite these challenges, their mathematical expertise was crucial to the success of many space missions, including John Glenn's orbit around the Earth and the Apollo moon landings. The book carefully weaves historical facts with engaging storytelling, introducing young readers to the broader context of the civil rights movement and the space race. By focusing on real events, the hidden figures picture book provides an accurate and compelling introduction to American history and science.

Main Characters and Their Achievements

Central to the hidden figures picture book are the stories of four pioneering women whose achievements paved the way for future generations in STEM. Each character is presented with age-appropriate language, making their accomplishments relatable and inspirational for children.

- **Katherine Johnson:** Famous for calculating the flight path for John Glenn's historic mission, Johnson's work was instrumental in ensuring astronaut safety and mission success.
- **Dorothy Vaughan:** A skilled mathematician and the first African American supervisor at NASA, Vaughan led a team of "human computers" and was a pioneer in computer programming.
- **Mary Jackson:** As NASA's first black female engineer, Jackson broke barriers and advocated for equal opportunities for women and minorities in STEM fields.
- **Christine Darden:** A mathematician and data analyst, Darden contributed to the development of supersonic flight and became a leader in aeronautical engineering.

These figures are depicted as relatable role models who demonstrate resilience, intelligence, and teamwork.

Illustrations and Visual Appeal

The hidden figures picture book is renowned for its vibrant illustrations that bring history to life. Each page is filled with colorful imagery that captures the atmosphere of 1960s NASA, the emotions of the main characters, and the challenges they faced. The visual storytelling complements the written narrative, making complex concepts more accessible for young readers. The illustrations also serve to highlight diversity, showing children that scientists, mathematicians, and engineers can come from all backgrounds. The engaging art style helps maintain children's interest and encourages them to ask questions about the story and its historical context.

Educational Value and Classroom Applications

The hidden figures picture book is a valuable educational resource for teachers and parents aiming to introduce children to STEM, African American history, and women's contributions to science. Its accessible language and engaging visuals make it ideal for read-aloud sessions, group discussions, and independent reading. Educators often use the book to:

- Foster an interest in mathematics, science, and engineering.
- Promote discussions about equality, diversity, and overcoming adversity.
- Enhance lessons on the civil rights era and the space race.
- Encourage critical thinking and problem-solving skills.
- Provide positive role models for students from underrepresented groups.

Supplementary activities may include math challenges inspired by the book, art projects depicting space exploration, and research assignments on NASA's history.

Themes of Diversity, Perseverance, and Inclusion

At its core, the hidden figures picture book celebrates the themes of diversity, perseverance, and inclusion. The story demonstrates how individuals from marginalized backgrounds can make exceptional contributions when given the opportunity. It also addresses the importance of never giving up, even when facing societal barriers. The book encourages children to pursue their interests regardless of their gender or race, fostering a growth

mindset and a belief in their own potential. Through its characters and narrative, the book provides a platform for conversations about empathy, fairness, and the value of different perspectives in science and society.

Tips for Parents and Educators

Parents and educators can maximize the impact of the hidden figures picture book by creating a supportive learning environment. Here are some practical tips:

1. Read the book together and discuss the challenges the main characters faced.
2. Encourage children to ask questions about the story and relate it to current events or their own lives.
3. Incorporate related STEM activities, such as simple math problems or building model rockets.
4. Highlight the importance of diversity in science and engineering fields.
5. Use the book as a starting point for researching other trailblazing women and minorities in STEM.
6. Invite guest speakers or organize virtual field trips to science museums or space centers.

These approaches help reinforce the book's messages and inspire lifelong curiosity and confidence in young learners.

Why the Hidden Figures Picture Book Matters Today

The hidden figures picture book remains highly relevant in today's world, where representation and diversity in STEM are ongoing challenges. By introducing children to the achievements of Katherine Johnson, Dorothy Vaughan, Mary Jackson, and Christine Darden, the book helps break down stereotypes and broadens children's understanding of who can succeed in science and mathematics. It also serves as a powerful reminder of the importance of persistence, education, and support systems. The book's continued popularity in schools, libraries, and homes is a testament to its impact and its critical role in inspiring the next generation of innovators.

Q: What is the hidden figures picture book about?

A: The hidden figures picture book tells the inspiring true story of four African American women mathematicians—Katherine Johnson, Dorothy Vaughan, Mary Jackson, and Christine Darden—who worked at NASA and made vital contributions to the American space program during the 20th century.

Q: Who are the main characters in the hidden figures picture book?

A: The main characters are Katherine Johnson, Dorothy Vaughan, Mary Jackson, and Christine Darden. Each woman overcame significant barriers in race and gender to play a crucial role in NASA's success during the space race.

Q: What age group is the hidden figures picture book suitable for?

A: The picture book is designed for young readers, typically ages 4–8, but it can be enjoyed by older children and even adults interested in an accessible introduction to this important history.

Q: How does the hidden figures picture book teach children about diversity and inclusion?

A: Through its storytelling and illustrations, the book highlights the achievements of women of color in STEM, showing the importance of diverse perspectives and the value of perseverance, teamwork, and inclusion.

Q: Are the stories in the hidden figures picture book historically accurate?

A: Yes, the book is based on real events and people, presenting an accurate, age-appropriate account of the contributions of the “Hidden Figures” at NASA.

Q: Can the hidden figures picture book be used in the classroom?

A: Absolutely. The book is a popular resource for educators teaching about the civil rights era, women's history, STEM, and the space race, offering many opportunities for discussion and supplemental activities.

Q: What makes the hidden figures picture book unique compared to other children's books?

A: Its unique combination of historical accuracy, engaging narrative, vibrant illustrations, and focus on underrepresented figures in STEM sets it apart from many other children's books.

Q: Does the hidden figures picture book include illustrations?

A: Yes, the book features colorful and engaging illustrations that bring the story and its historical context to life for young readers.

Q: What lessons can children learn from the hidden figures picture book?

A: Children learn about the power of perseverance, the importance of education, and the impact of diversity and inclusion in achieving great things.

Q: How can parents and teachers enhance the learning experience with the hidden figures picture book?

A: Parents and teachers can facilitate discussions, connect the book to science and math activities, research more about the featured women, and encourage children to explore their own interests in STEM.

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Hidden Figures Picture Book: Inspiring Young Minds Through STEM Storytelling

Introduction:

Are you looking for a captivating and educational picture book to introduce young readers to the

groundbreaking achievements of Katherine Johnson, Dorothy Vaughan, and Mary Jackson? Then you've come to the right place! This post delves into the world of "Hidden Figures" picture books, exploring the various adaptations available, their strengths, weaknesses, and ultimately, their crucial role in fostering a love for STEM (Science, Technology, Engineering, and Mathematics) in children. We'll examine what makes a great "Hidden Figures" picture book, highlighting key features that parents, educators, and librarians should look for when selecting a book for their young learners. Get ready to discover the perfect story to inspire the next generation of scientists, mathematicians, and engineers!

Exploring the World of "Hidden Figures" Picture Books: A Diverse Selection

The incredible story of Katherine Johnson, Dorothy Vaughan, and Mary Jackson – the brilliant African American women who played pivotal roles in NASA's early space missions – has captured the hearts and minds of millions. Their story, initially hidden from the public eye, is now rightfully celebrated, and several picture book adaptations aim to make their achievements accessible and engaging for young readers. These books vary in their approach, artistic style, and level of detail, offering a range of choices depending on the age and reading level of your child.

Finding the Right Fit: Age Appropriateness and Story Focus

Choosing the right "Hidden Figures" picture book depends heavily on the age of the intended reader. Some versions simplify the narrative, focusing on key moments and themes of perseverance and overcoming adversity. Others offer a more in-depth look at the historical context and the complex challenges faced by these women. Consider the child's reading ability and attention span when selecting a book. Look for books with age-appropriate vocabulary, engaging illustrations, and a clear storyline that resonates with young audiences.

Beyond the Basics: Examining Different Adaptations

Several publishers have created unique interpretations of the "Hidden Figures" story. Some focus heavily on the mathematical and scientific aspects of their work, utilizing visually appealing graphics to explain complex concepts. Others prioritize the narrative of friendship, resilience, and breaking barriers. It's important to preview different versions to find the one that best aligns with your child's interests and learning style. Look for books that not only tell a compelling story but also inspire curiosity and a desire to learn more.

The Power of Visual Storytelling: Illustrative Styles and Their Impact

The illustrations in a picture book are crucial. A good "Hidden Figures" picture book uses visuals to bring the era and the personalities of these women to life. Look for books that use vibrant colors, detailed backgrounds, and expressive character designs. The illustrations should effectively complement the text, enhancing the storytelling and emotional impact. Consider whether the artistic style appeals to your child's aesthetic preferences.

Key Elements of a Great "Hidden Figures" Picture Book

A truly exceptional "Hidden Figures" picture book goes beyond simply recounting historical facts. It should:

1. Celebrate Achievement and Inspire Aspiration:

The book needs to clearly showcase the remarkable achievements of Katherine, Dorothy, and Mary, inspiring young readers to pursue their own dreams in STEM fields.

2. Highlight Perseverance and Overcoming Adversity:

The narrative should effectively convey the challenges these women faced due to racial and gender discrimination, emphasizing their courage, resilience, and unwavering dedication.

3. Promote STEM Education and Interest:

The book should spark curiosity about mathematics, science, and engineering, potentially incorporating simple explanations of concepts relevant to their work.

4. Encourage Diversity and Inclusion:

It's crucial that the book accurately represents the diversity of the team and the historical context, fostering a sense of inclusivity and understanding.

5. Engage Young Minds Through Storytelling:

Above all, the story needs to be engaging and captivating. It needs to use age-appropriate language and a compelling narrative structure to hold the reader's attention and leave a lasting impression.

Conclusion: Unlocking Potential Through Inspiring Stories

"Hidden Figures" picture books provide a powerful tool for educating and inspiring young minds. By selecting a book that aligns with your child's age and interests, you can introduce them to the incredible contributions of these pioneering women and spark their passion for STEM. These books aren't just stories; they are gateways to a brighter future, showcasing the power of diversity, perseverance, and the pursuit of knowledge. Choose wisely, and let the story of the Hidden Figures ignite a lifelong love of learning!

Frequently Asked Questions (FAQs):

1. What age range are "Hidden Figures" picture books suitable for? The age appropriateness varies depending on the specific adaptation. Some are suitable for preschoolers (ages 3-5), while others are better suited for slightly older children (ages 5-8 or even older). Always check the recommended age range on the book itself.
2. Are all "Hidden Figures" picture books historically accurate? While most strive for historical accuracy, some take more creative liberties with the narrative to make it more accessible to younger audiences. Look for books that cite their sources or acknowledge any creative adaptations.
3. Where can I find "Hidden Figures" picture books? They are readily available online through major retailers like Amazon and Barnes & Noble, as well as in local bookstores and libraries.
4. Are there different versions of the "Hidden Figures" picture book with varying levels of detail? Yes, there are several adaptations available, ranging from simplified versions for younger children to more detailed accounts suitable for older readers.
5. What makes a good "Hidden Figures" picture book stand out? A standout book effectively balances historical accuracy with engaging storytelling, vibrant illustrations, and age-appropriate language, inspiring young readers to pursue STEM careers and celebrate diversity.

hidden figures picture book: *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 picture book: *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 picture book: Counting on Katherine: How Katherine Johnson Saved Apollo 13 Helaine Becker, 2018-06-19 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

hidden figures picture book: Counting the Stars Lesa Cline-Ransome, 2019-10-08 "A detail-rich picture book." —Kirkus Reviews "Straightforward and inviting." —School Library Journal From award-winning author Lesa Cline-Ransome and acclaimed illustrator Raúl Colón comes the sensitive, informative, and inspiring picture book biography of the remarkable mathematician Katherine Johnson, one of the NASA "human computers" whose work was critical to the first US space launch. Before John Glenn orbited the Earth or astronauts walked on the moon, a group of dedicated female mathematicians known as "human computers" used their knowledge, pencils, adding machines, and writing paper to calculate the orbital mechanics needed to launch spacecraft. Katherine Johnson was one of these mathematicians who used trajectories and complex equations to chart the space program. Even as Virginia's Jim Crow laws were in place in the early 1950s, Katherine worked analyzing data at the NACA (later NASA) Langley laboratory. In 1962, as NASA prepared for the orbital mission of John Glenn, Katherine Johnson was called upon and John Glenn said "get the girl" (Katherine Johnson) to run the numbers by hand to chart the complexity of the orbital flight. He knew that his flight couldn't work without her unique skills. President Barack

Obama awarded Katherine Johnson the Presidential Medal of Freedom in 2015 and her incredible life inspired the Oscar-nominated film *Hidden Figures*. Get to know this incredible and inspirational woman with this beautifully illustrated picture book from an award-winning duo.

hidden figures picture book: A Computer Called Katherine Suzanne Slade, 2019-04-09 The inspiring true story of mathematician Katherine Johnson--made famous by the award-winning film *Hidden Figures*--who counted and computed her way to NASA and helped put a man on the moon! Katherine knew it was wrong that African Americans didn't have the same rights as others--as wrong as $5+5=12$. She knew it was wrong that people thought women could only be teachers or nurses--as wrong as $10-5=3$. And she proved everyone wrong by zooming ahead of her classmates, starting college at fifteen, and eventually joining NASA, where her calculations helped pioneer America's first manned flight into space, its first manned orbit of Earth, and the world's first trip to the moon! Award-winning author Suzanne Slade and debut artist Veronica Miller Jamison tell the story of a NASA computer in this smartly written, charmingly illustrated biography.

hidden figures picture book: 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 picture book: Natalie's Hair was Wild! Laura Freeman, 2018 Various zoo animals take residence in a young girl's hair as it becomes more tangled and frizzy.

hidden figures picture book: Counting on Katherine Helaine Becker, 2021-04-15 Meet Katherine Johnson, 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. *Counting on Katherine* is a beautiful illustrated biography, sure to inspire young readers. Winner of the information book category of the UKLA Book Awards. 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.

hidden figures picture book: Sprouting Wings Louisa Jaggard, Shari Becker, 2021-01-05 The inspirational and true story of James Herman Banning, the first African American pilot to fly across the country, comes to life in this picture book biography perfect for fans of *Hidden Figures* and *Little Leaders*. Includes art from a Coretta Scott King award-winning illustrator. James Herman Banning always dreamed of touching the sky. But how could a farm boy from Oklahoma find a plane? And how would he learn to fly it? None of the other pilots looked like him. Despite the challenges and prejudices that stood in his way, James knew he belonged above the clouds. In a journey that would span 3,300 miles, take twenty-one days, and inspire a nation, James Herman Banning proved that

you can't put barriers on dreams. Louisa Jagger incorporates over seven years of research, including Banning's own writings and an interview with the aviator's great-nephew. She teams up with cowriter Shari Becker and award-winning illustrator Floyd Cooper to capture Banning's historic flight across the United States. A pathos-filled picture book that celebrates the life of a figure in American history who hasn't been featured often. -School Library Journal, Starred Review

hidden figures picture book: My Remarkable Journey Katherine Johnson, Joylette Hylick, Katherine Moore, 2021-05-25 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 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.

hidden figures picture book: *The Girl with a Mind for Math* Julia Finley Mosca, 2020-03 After touring a German submarine in the early 1940s, young Raye set her sights on becoming an engineer. Little did she know sexism and racial inequality would challenge that dream every step of the way, even keeping her greatest career accomplishment a secret for decades. Through it all, the gifted mathematician persisted-- finally gaining her well-deserved title in history: a pioneer who changed the course of ship design forever.

hidden figures picture book: Fancy Party Gowns Deborah Blumenthal, 2017-01-17 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 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.

hidden figures picture book: *Nothing Stopped Sophie* Cheryl Bardoe, 2018-06-12 The true story of eighteenth-century mathematician Sophie Germain, who solved the unsolvable to achieve

her dream. When her parents took away her candles to keep their young daughter from studying math...nothing stopped Sophie. When a professor discovered that the homework sent to him under a male pen name came from a woman...nothing stopped Sophie. And when she tackled a math problem that male scholars said would be impossible to solve...still, nothing stopped Sophie. For six years Sophie Germain used her love of math and her undeniable determination to test equations that would predict patterns of vibrations. She eventually became the first woman to win a grand prize from France's prestigious Academy of Sciences for her formula, which laid the groundwork for much of modern architecture (and can be seen in the book's illustrations). Award-winning author Cheryl Bardoe's inspiring and poetic text is brought to life by acclaimed artist Barbara McClintock's intricate pen-and-ink, watercolor, and collage illustrations in this true story about a woman who let nothing stop her.

hidden figures picture book: Margaret and the Moon Dean Robbins, 2017-05-16 A true story from one of the Women of NASA! Margaret Hamilton loved numbers as a young girl. She knew how many miles it was to the moon (and how many back). She loved studying algebra and geometry and calculus and using math to solve problems in the outside world. Soon math led her to MIT and then to helping NASA put a man on the moon! She handwrote code that would allow the spacecraft's computer to solve any problems it might encounter. Apollo 8. Apollo 9. Apollo 10. Apollo 11. Without her code, none of those missions could have been completed. Dean Robbins and Lucy Knisley deliver a lovely portrayal of a pioneer in her field who never stopped reaching for the stars.

hidden figures picture book: Human Computer Andi Diehn, 2019 ...readers...explore the life of Mary Jackson, who overcame the challenges of segregation and sexism to become the first female African American engineer at NASA--

hidden figures picture book: Drive Daniel H. Pink, 2011-04-05 The New York Times bestseller that gives readers a paradigm-shattering new way to think about motivation from the author of *When: The Scientific Secrets of Perfect Timing* Most people believe that the best way to motivate is with rewards like money—the carrot-and-stick approach. That's a mistake, says Daniel H. Pink (author of *To Sell Is Human: The Surprising Truth About Motivating Others*). In this provocative and persuasive new book, he asserts that the secret to high performance and satisfaction—at work, at school, and at home—is the deeply human need to direct our own lives, to learn and create new things, and to do better by ourselves and our world. Drawing on four decades of scientific research on human motivation, Pink exposes the mismatch between what science knows and what business does—and how that affects every aspect of life. He examines the three elements of true motivation—autonomy, mastery, and purpose—and offers smart and surprising techniques for putting these into action in a unique book that will change how we think and transform how we live.

hidden figures picture book: Katherine Johnson: NASA Mathematician Grace Hansen, 2022-12-15 This title looks at the life, accomplishments, and legacy of NASA mathematician Katherine Johnson. The book is complete with sidebars, more facts, a timeline, and QR codes that lead to more information, videos, and activities. Aligned to Common Core Standards and correlated to state standards. DiscoverRoo is an imprint of Pop!, a division of ABDO.

hidden figures picture book: A Picture Book of Martin Luther King, Jr. David A. Adler, 2018-01-01 ...school and public librarians will want to include this in their collections. The audio version...will be in great demand. - School Library Journal

hidden figures picture book: The Inheritance Games Jennifer Lynn Barnes, 2020-09-01 OVER 3 MILLION COPIES SOLD OF THE #1 BESTSELLING SERIES! Don't miss this New York Times bestselling impossible to put down (Buzzfeed) novel with deadly stakes, thrilling twists, and juicy secrets—perfect for fans of *One of Us Is Lying* and *Knives Out*. Avery Grambs has a plan for a better future: survive high school, win a scholarship, and get out. But her fortunes change in an instant when billionaire Tobias Hawthorne dies and leaves Avery virtually his entire fortune. The catch? Avery has no idea why—or even who Tobias Hawthorne is. To receive her inheritance, Avery must move into sprawling, secret passage-filled Hawthorne House, where every room bears the old man's touch—and his love of puzzles, riddles, and codes. Unfortunately for Avery, Hawthorne House is also

occupied by the family that Tobias Hawthorne just dispossessed. This includes the four Hawthorne grandsons: dangerous, magnetic, brilliant boys who grew up with every expectation that one day, they would inherit billions. Their apparent Grayson Hawthorne is convinced that Avery must be a conwoman, and he's determined to take her down. His brother, Jameson, views her as their grandfather's last hurrah: a twisted riddle, a puzzle to be solved. Caught in a world of wealth and privilege with danger around every turn, Avery will have to play the game herself just to survive.

****The games continue in *The Hawthorne Legacy*, *The Final Gambit*, and *The Brothers Hawthorne*!**

hidden figures picture book: *Pinocchio, the Tale of a Puppet* Carlo Collodi, 2011-02 *Pinocchio*, *The Tale of a Puppet* follows the adventures of a talking wooden puppet whose nose grew longer whenever he told a lie and who wanted more than anything else to become a real boy. As carpenter Master Antonio begins to carve a block of pinewood into a leg for his table the log shouts out, Don't strike me too hard! Frightened by the talking log, Master Cherry does not know what to do until his neighbor Geppetto drops by looking for a piece of wood to build a marionette. Antonio gives the block to Geppetto. And thus begins the life of Pinocchio, the puppet that turns into a boy. *Pinocchio, The Tale of a Puppet* is a novel for children by Carlo Collodi is about the mischievous adventures of Pinocchio, an animated marionette, and his poor father and woodcarver Geppetto. It is considered a classic of children's literature and has spawned many derivative works of art. But this is not the story we've seen in film but the original version full of harrowing adventures faced by Pinnocchio. It includes 40 illustrations.

hidden figures picture book: *The Silent Patient* Alex Michaelides, 2019-02-05 ****THE INSTANT #1 NEW YORK TIMES BESTSELLER**** An unforgettable—and Hollywood-bound—new thriller... A mix of Hitchcockian suspense, Agatha Christie plotting, and Greek tragedy. —Entertainment Weekly *The Silent Patient* is a shocking psychological thriller of a woman's act of violence against her husband—and of the therapist obsessed with uncovering her motive. Alicia Berenson's life is seemingly perfect. A famous painter married to an in-demand fashion photographer, she lives in a grand house with big windows overlooking a park in one of London's most desirable areas. One evening her husband Gabriel returns home late from a fashion shoot, and Alicia shoots him five times in the face, and then never speaks another word. Alicia's refusal to talk, or give any kind of explanation, turns a domestic tragedy into something far grander, a mystery that captures the public imagination and casts Alicia into notoriety. The price of her art skyrockets, and she, the silent patient, is hidden away from the tabloids and spotlight at the Grove, a secure forensic unit in North London. Theo Faber is a criminal psychotherapist who has waited a long time for the opportunity to work with Alicia. His determination to get her to talk and unravel the mystery of why she shot her husband takes him down a twisting path into his own motivations—a search for the truth that threatens to consume him....

hidden figures picture book: *Hidden Figures* Margot Lee Shetterly, 2018-01-16 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 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 picture book: Words of Radiance Brandon Sanderson, 2014-03-04 From #1 New York Times bestselling author Brandon Sanderson, *Words of Radiance*, Book Two of the

Stormlight Archive, continues the immersive fantasy epic that The Way of Kings began. Expected by his enemies to die the miserable death of a military slave, Kaladin survived to be given command of the royal bodyguards, a controversial first for a low-status darkeyes. Now he must protect the king and Dalinar from every common peril as well as the distinctly uncommon threat of the Assassin, all while secretly struggling to master remarkable new powers that are somehow linked to his honorspren, Syl. The Assassin, Szeth, is active again, murdering rulers all over the world of Roshar, using his baffling powers to thwart every bodyguard and elude all pursuers. Among his prime targets is Highprince Dalinar, widely considered the power behind the Alethi throne. His leading role in the war would seem reason enough, but the Assassin's master has much deeper motives. Brilliant but troubled Shallan strives along a parallel path. Despite being broken in ways she refuses to acknowledge, she bears a terrible burden: to somehow prevent the return of the legendary Voidbringers and the civilization-ending Desolation that will follow. The secrets she needs can be found at the Shattered Plains, but just arriving there proves more difficult than she could have imagined. Meanwhile, at the heart of the Shattered Plains, the Parshendi are making an epochal decision. Hard pressed by years of Alethi attacks, their numbers ever shrinking, they are convinced by their war leader, Eshonai, to risk everything on a desperate gamble with the very supernatural forces they once fled. The possible consequences for Parshendi and humans alike, indeed, for Roshar itself, are as dangerous as they are incalculable. Other Tor books by Brandon Sanderson The Cosmere The Stormlight Archive ● The Way of Kings ● Words of Radiance ● Edgedancer (novella) ● Oathbringer ● Dawnshard (novella) ● Rhythm of War The Mistborn Saga The Original Trilogy ● Mistborn ● The Well of Ascension ● The Hero of Ages Wax and Wayne ● The Alloy of Law ● Shadows of Self ● The Bands of Mourning ● The Lost Metal Other Cosmere novels ● Elantris ● Warbreaker ● Tress of the Emerald Sea ● Yumi and the Nightmare Painter ● The Sunlit Man Collection ● Arcanum Unbounded: The Cosmere Collection The Alcatraz vs. the Evil Librarians series ● Alcatraz vs. the Evil Librarians ● The Scrivener's Bones ● The Knights of Crystallia ● The Shattered Lens ● The Dark Talent ● Bastille vs. the Evil Librarians (with Janci Patterson) Other novels ● The Rithmatist ● Legion: The Many Lives of Stephen Leeds ● The Frugal Wizard's Handbook for Surviving Medieval England Other books by Brandon Sanderson The Reckoners ● Steelheart ● Firefight ● Calamity Skyward ● Skyward ● Starsight ● Cytonic ● Skyward Flight (with Janci Patterson) ● Defiant At the Publisher's request, this title is being sold without Digital Rights Management Software (DRM) applied.

hidden figures picture book: The Highest Tribute: Thurgood Marshall's Life, Leadership, and Legacy Kekla Magoon, 2021-01-05 A brilliant picture book biography about Thurgood Marshall, who fought for equality during the Civil Rights Movement and served as the first Black justice on the Supreme Court, from Coretta Scott King Honor winners Kekla Magoon and Laura Freeman. Growing up in Baltimore, Thurgood Marshall could see that things weren't fair. The laws said that Black and white people couldn't use the same schools, parks, or water fountains. When Thurgood had to read the Constitution as punishment for a prank at school, his eyes were opened. It was clear to him that Jim Crow laws were wrong, and he was willing to do whatever it took to change them. His determination to make sure all Americans were treated equally led him to law school and then the NAACP, where he argued cases like Brown v. Board of Education in front of the Supreme Court. But to become a Justice on the highest court in the land, Thurgood had to make space for himself every step of the way. Readers will be inspired by Kekla Magoon's concise text and Laura Freeman's luminous illustrations, which bring Thurgood Marshall's incredible legacy and achievements to life. * An SLJ Best Book of the Year * A Bank Street Best Book of the Year * A Jane Addams Children's Book Award Finalist * A Texas Topaz Nonfiction Selection * Wisconsin State Reading Association's 2022 Picture This Recommendation List * Indiana Authors Award Shortlist *

hidden figures picture book: Computer Decoder Andi Diehn, 2019 Follows Dorothy Vaughan's path from math teacher to human computer as well as her success as first African American supervisor at her company.

hidden figures picture book: Stacey Abrams and the Fight to Vote Traci N. Todd, 2022-08-03

Stacey Abrams, politician and Nobel peace prize nominee, is brought to life in this poetic picture book biography that follows Abrams's fight for voters' rights. Narrated by Sojourner Truth, Ida B. Wells-Barnett, Septima Clark, and Fannie Lou Hamer, this powerful story tells how Abrams's work was inspired by those luminaries before her. Sometimes she would light the way. Sometimes her way would be lit by others... Stacey Abrams was always destined for big things, because she always imagined more. Now she protects the least powerful, works toward making voting fair and easy, and demands better for Georgia and every other state in this nation. Stacey Abrams's determination, perseverance, and courage will inspire younger generations to make meaningful change in the world. Traci Todd's lyrical text is coupled with stunning artwork from Laura Freeman, Coretta Scott King Honoree for Hidden Figures. Use this book to encourage conversation at home and the classroom about Black women and voting. This book is perfect for Black History Month and to be shared alongside such powerful titles as *Kamala Harris: Rooted In Justice* by Nikki Grimes and *I Dissent* by Debbie Levy.

hidden figures picture book: *Dream Builder* Kelly Starling Lyons, 2020 A biography of Philip Freelon, whose rich family history and deep understanding of Black culture brought him to the role of lead architect for the Smithsonian's National Museum of African American History and Culture--

hidden figures picture book: *Hidden Pictures* Jason Rekulak, 2022-05-10 NATIONAL BESTSELLER · OPTIONED FOR NETFLIX BY A PRODUCER OF THE BATMAN GOODREADS CHOICE AWARD WINNER "I loved it. —Stephen King From Edgar Award-finalist Jason Rekulak comes a wildly inventive spin on the supernatural thriller, for fans of *Stranger Things* and Riley Sager, about a woman working as a nanny for a young boy with strange and disturbing secrets. Mallory Quinn is fresh out of rehab when she takes a job as a babysitter for Ted and Caroline Maxwell. She is to look after their five-year-old son, Teddy. Mallory immediately loves it. She has her own living space, goes out for nightly runs, and has the stability she craves. And she sincerely bonds with Teddy, a sweet, shy boy who is never without his sketchbook and pencil. His drawings are the usual fare: trees, rabbits, balloons. But one day, he draws something different: a man in a forest, dragging a woman's lifeless body. Then, Teddy's artwork becomes increasingly sinister, and his stick figures quickly evolve into lifelike sketches well beyond the ability of any five-year-old. Mallory begins to wonder if these are glimpses of a long-unsolved murder, perhaps relayed by a supernatural force. Knowing just how crazy it all sounds, Mallory nevertheless sets out to decipher the images and save Teddy before it's too late.

hidden figures picture book: *I Promise* LeBron James, 2020-08-11 An 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!

hidden figures picture book: *Walk Your Dog* Elizabeth Stevens Omlor, 2018-06-05 Pet lovers will adore this funny romp about the ups and downs of day in the life of a kid and her canine. Walking your dog is easy...but only if your dog wants to walk. This bouncy day-in-the-life adventure shows what happens when you pair a spunky little girl with a dog who's as stubborn as he is furry. Debut author-illustrator team Elizabeth Stevens Omlor and Neesha Hudson use spare text and gorgeous ink-and-watercolor illustrations to show kids that working as a team requires cooperation,

patience, and heart.

hidden figures picture book: Rise of the Rocket Girls Nathalia Holt, 2016-04-05 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 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

hidden figures picture book: Unti Temple Hill Picture Book #1 HarperCollins Canada, Limited, HarperCollins Publishers, Jessica Alba, Kelly Sawyer Patricof, Norah Weinstein, 2021-10-26 Business leader, actor, and Baby2Baby ambassador Jessica Alba and Baby2Baby co-CEOs Kelly Sawyer Patricof and Norah Weinstein deliver the important message of giving back from an early age through this tender and delightful story. Tiana loves her teddy bear, Bach. She doesn't mind that he's a little worn and somewhat torn. So when her mother suggests she make room for a new bear, Tiana can't believe her ears! Will Tiana have to lose the one bear she really loves? Or will she find room in her heart for two? Find out in this endearing tale--brought to life by Alicia Más's imaginative illustrations--about a young girl who learns the importance of letting go and giving back.

hidden figures picture book: Mae Among the Stars Roda Ahmed, 2020-05-26 A beautiful picture book for sharing and marking special occasions such as graduation, inspired by the life of the first African American woman to travel in space, Mae Jemison. An Amazon Best Book of the Month! A great classroom and bedtime read-aloud, *Mae Among the Stars* is the perfect book for young readers who have big dreams and even bigger hearts. When Little Mae was a child, she dreamed of dancing in space. She imagined herself surrounded by billions of stars, floating, gliding, and discovering. She wanted to be an astronaut. Her mom told her, "If you believe it, and work hard for it, anything is possible." Little Mae's curiosity, intelligence, and determination, matched with her parents' encouraging words, paved the way for her incredible success at NASA as the first African American woman to travel in space. This book will inspire other young girls to reach for the stars, to aspire for the impossible, and to persist with childlike imagination.

hidden figures picture book: The Beckoning Cat Koko Nishizuka, 2025-03-11 In this story based on a Japanese folktale, an impoverished boy named Yohei shares his dinner with a cat that appears on his doorstep. When Yohei faces a crisis, the cat remembers his generosity and brings help.

hidden figures picture book: Understanding Screenwriting Tom Stempel, 2008-04-15 No Marketing Blurb

hidden figures picture book: Splish Splash Super Challenge Puzzles Highlights, 2013-10-01 Designed for expert puzzlers, this collection is packed with our trickiest, most mind-boggling Hidden Pictures puzzles—without picture clues! Each book contains more than 100 intricate puzzles paired with only a list of objects to find. And for true puzzle masters, 16 puzzles come with no hints at all. Just right for experienced puzzlers ready to advance to the next level of difficulty.

hidden figures picture book: The Digger and the Flower Joseph Kuefler, 2018-01-23 From the acclaimed author/artist of *Beyond the Pond* and *Rulers of the Playground* comes a breathtaking new book with a powerful message about the environment, perfect for fans of Peter Brown's *The Curious Garden* and Kadir Nelson's *If You Plant a Seed*. Each day, the big trucks go to work. They scoop and hoist and push. But when Digger discovers something growing in the rubble, he sets in

motion a series of events that will change him, and the city, forever. This story contains bold graphic illustrations and a wonderful message about the environment, proclaims Brightly.com in their article 18 Must-Read Picture Books of 2018.

hidden figures picture book: The Yellow Wallpaper Illustrated Charlotte Perkins Gilman, 2021-01-04 The Yellow Wallpaper is a short story by American writer Charlotte Perkins Gilman, first published in January 1892 in The New England Magazine.[1] It is regarded as an important early work of American feminist literature, due to its illustration of the attitudes towards mental and physical health of women in the 19th century. Narrated in the first person, the story is a collection of journal entries written by a woman whose physician husband (John) has rented an old mansion for the summer. Forgoing other rooms in the house, the couple moves into the upstairs nursery. As a form of treatment, the unnamed woman is forbidden from working, and is encouraged to eat well and get plenty of air, so she can recuperate from what he calls a temporary nervous depression - a slight hysterical tendency, a diagnosis common to women during that period

hidden figures picture book: *Your Curriculum Companion*: Libby Woodfin, Suzanne Nathan Plaut, Sarah Boddy Norris, 2021-02-01 This essential guide to the EL Education 6-8 Language Arts Curriculum is one part roadmap to the curriculum, one part orientation to its instructional practices, and one part coach--to answer your questions, relieve your stress, and put you and your students on the path to success. Your Curriculum Companion explores the foundations of the curriculum including the principles and research it was built on and the instructional practices that make it unique. The book is designed to help you look under the hood at practices embedded throughout the curriculum so that you can sharpen your instruction, support students to be leaders of their own learning, and make well-informed changes to best meet your students' needs. Key features of Your Curriculum Companion include: Twenty-two accompanying videos--see the curriculum in action Task cards for guidance on how to plan when the planning has been done for you A deep dive into the purpose and structure of close reading, including a sample annotated lesson An exploration of the relationship between reading and writing and how the curriculum is designed to help students become strong communicators, including an annotated read-think-talk-write lesson The why, what, and how of supporting students to meet grade-level expectations, supporting students who need additional challenges, and supporting English language learners Guidance for turning evidence of student progress into usable data that can inform your instruction Support for school leaders

hidden figures picture book: Hidden Figures Margot Lee Shetterly, 2016-09-06 The #1 New York Times bestseller The phenomenal true story of the black female mathematicians at NASA whose calculations helped fuel some of America's greatest achievements in space. Soon to be a major motion picture 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 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.

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