



### Counting on Katherine - How Katherine Johnson Saved Apollo 13

**Author:** Helaine Becker

**Illustrator:** Dow Phumiruk

**Publisher:** Holt Henry and Company

**Number of Pages:** unpagged

**Lexile:** 710

**Summary:** 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

### Hidden Figures: The True Story of Four Black Women and the Space Race

**Author:** Margot Lee Shetterly

**Illustrator:** Laura Freeman

**Publisher:** HarperCollins

**Number of Pages:** 40

**Lexile:** 980

**Summary:** 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.

### Spring After Spring: How Rachel Carson Inspired the Environmental Movement

**Author:** Stephanie Roth Sisson

**Illustrator:** Stephanie Roth Sisson

**Publisher:** Roaring Brook Press

**Pages:** 40

**Lexile:** 790

**Summary:** As a child, Rachel Carson lived by the rhythms of the natural world. Spring after spring, year after year, she observed how all living things are connected. And as an adult, Rachel watched and listened as the natural world she loved so much began to fall silent. *Spring After Spring* traces Rachel's journey as a scientist and writer, courageously speaking truth to an often hostile world through her book, and ultimately paving the way for the modern environmental movement.

### Shaking things up : 14 young women who changed the world

**Author:** Susan Hood

**Illustrator:** numerous

**Publisher:** CharlesbridgeHarperCollins

**Pages:** 40

**Lexile:**

**Summary:** Fresh, accessible, and inspiring, *Shaking Things Up* introduces fourteen revolutionary young women—each paired with a noteworthy female artist—to the next generation of activists, trail-blazers, and rabble-rousers.

### The Watcher: Jane Goodall's Life with the Chimps

**Author:** Jeannette Winter

**Illustrator:** Jeannette Winter

**Publisher:** Schwartz & Wade Books

**Number of Pages:** 48

**Lexile:** 630

**Summary:** Follow Jane from her childhood in London watching a robin on her windowsill, to her years in the African forests of Gombe, Tanzania, observing chimps, to her worldwide crusade to save these primates and their habitat that are now in danger of extinction.

### Shark lady : the true story of how Eugenie Clark became the ocean's most fearless scientist

**Author:** Jess Keating

**Illustrator:** Marta Alvarez Miguens

**Publisher:** Sourcebooks Explore

**Number of Pages:** 40

**Lexile:** 730

**Summary:** A lavishly illustrated portrait of shark scientist Eugenie Clark describes the childhood fascination that prompted her challenge of negative perceptions about sharks throughout her career, revealing how she overcame gender barriers to make remarkable discoveries and promote conservation.

### The School the Aztec Eagles Built: A Tribute to Mexico's World War II Air Fighters

**Author:** Cheryl Bardoe

**Illustrator:** Barbara McClintock

**Publisher:** Little, Brown Books for Young Readers

**Number of Pages:** 40

**Lexile:** 1030

**Summary:** A picture book portrait of the boundary-breaking 18th-century woman mathematician celebrates the determined spirit that helped her overcome cultural barriers to education for women, solve problems that had been declared impossible and eventually receive a prestigious Academy of Sciences award for her formula, which laid the groundwork for much of modern architecture.

**Joan Procter, Dragon Doctor: The Woman Who Loved Reptiles**

**Author:** Patricia Valdez

**Illustrator:** Felicita Sala

**Publisher:** Knopf Books for Young Readers

**Number of Pages:** 40

**Lexile:** 800

**Summary:** With a lively text and vibrant illustrations, scientist and writer Patricia Valdez and illustrator Felicita Sala bring to life Joan Procter's inspiring story of passion and determination.

**Grace Hopper: queen of computer code**

**Author:** Laurie Wallmark

**Illustrator:** Katy Wu

**Publisher:** Sterling Children's Books

**Number of Pages:** 48

**Lexile:** 730

**Summary:** Delighting in difficult ideas and in defying expectations, the insatiably curious Hopper truly was "Amazing Grace" . . . and a role model for science- and math-minded girls and boys. With a wealth of witty quotes, and richly detailed illustrations, this book brings Hopper's incredible accomplishments to life.

**The Girl with a Mind for Math: The Story of Ray Montague**

**Author:** Julia Finley Mosca

**Illustrator:** Daniel Rielely

**Publisher:** Innovation Press

**Number of Pages:** 40

**Lexile:** 460

**Summary:** 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.

**Ada Lovelace, poet of science: the first computer programmer**

**Author:** Diane Stanley

**Illustrator:** Jessie Hartland

**Publisher:** Simon & Schuster/Paula Wiseman Books

**Number of Pages:** 40

**Lexile:** 810

**Summary:** A hundred years before the dawn of the digital age, Ada Lovelace envisioned the computer-driven world we know today. And in demonstrating how the machine would be coded, she wrote the first computer program. She would go down in history as Ada Lovelace, the first computer programmer.