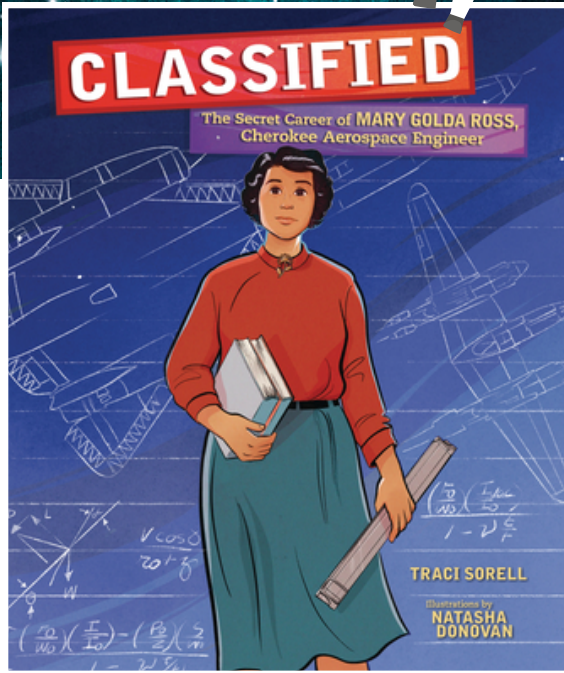
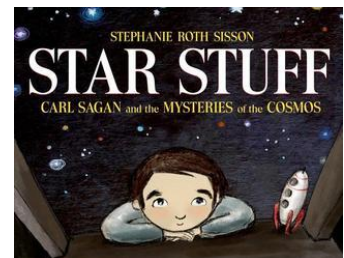
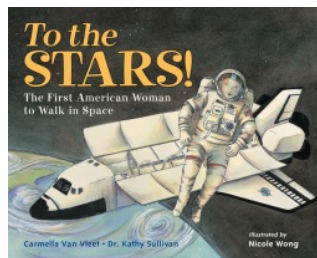
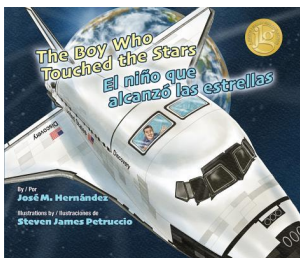
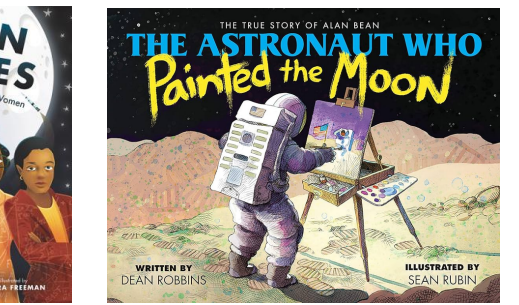
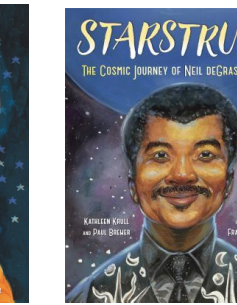
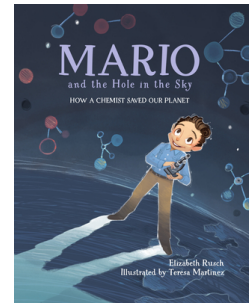
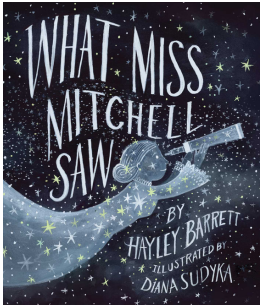
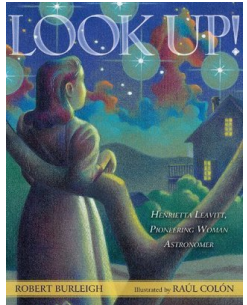
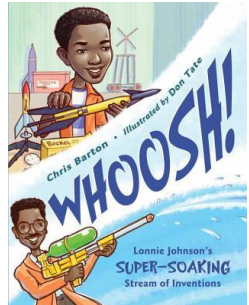
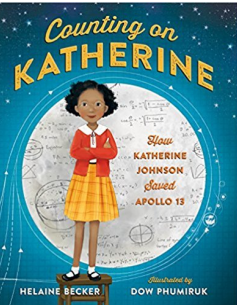
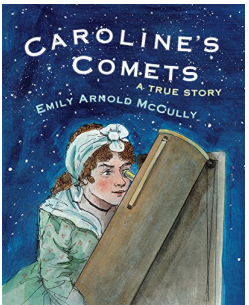
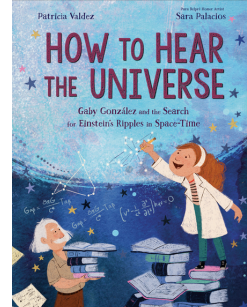
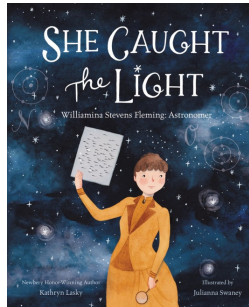
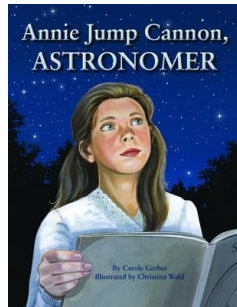
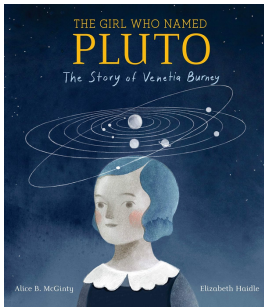


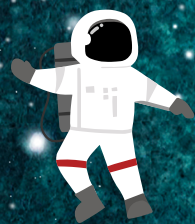


# Out of this World Pioneers: Picture Book Biographies



Enjoy *Classified*:  
*The Story of Mary Golda Ross,  
Cherokee Aerospace Engineer*  
and "meet" more inspiring space  
pioneers from our  
picture book biographies!





# Out of this World Pioneers: Picture Book Biographies



CHILDREN'S PLACE  
WOOD COUNTY DISTRICT PUBLIC LIBRARY



## ***Classified: The Secret Career of Mary Golda Ross, Cherokee Aerospace Engineer***

by Traci Sorrell - Juvenile Biography (Ross)

Spanish language version *Clasificado* available in Multilingual

Mary Golda Ross designed classified airplanes and spacecraft as Lockheed Aircraft Corporation's first female engineer. Find out how her passion for math and the Cherokee values she was raised with shaped her life and work.



## ***Listening to the Stars: Jocelyn Bell Burnell Discovers Pulsars***

by Jodie Parachini - Juvenile Biography (Burnell)

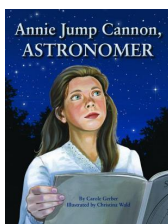
A biography of astrophysicist Jocelyn Bell Burnell, who helped build a radio telescope that contributed to her discovery of pulsars, a new type of star. Despite this achievement, she was overlooked in favor of two male colleagues when the Nobel Prize for physics was awarded. Bell is still working and teaching today.



## ***The Girl Who Named Pluto***

by Alice B. McGinty - Juvenile Biography (Burney)

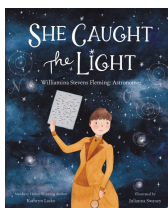
When Venetia Burney's grandfather reads aloud from the newspaper about a new discovery—a "ninth major planet" that has yet to be named—her eleven-year-old mind starts whirring. She is studying the planets in school and loves Roman mythology. "It might be called Pluto," she says, thinking of the dark underworld.



## ***Annie Jump Cannon, Astronomer***

by Carole Gerber - Juvenile Biography (Cannon)

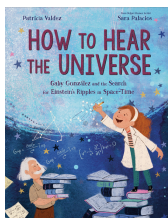
This biography illustrates the accomplishments of a woman who developed a system of classifying stars and who-to this day-holds the record for identifying more stars than anyone else in the world. In 1925, Annie Jump Cannon became the first woman to be honored by Oxford University with a doctor of science degree.



## ***She Caught the Light***

by Kathryn Lasky - Juvenile Biography (Fleming)

Williamina Fleming became an astronomer in a time when women were discouraged from even looking through telescopes. Yet Mina believed that the universe, with its billions of stars, was a riddle—and she wanted to help solve it. Mina ultimately helped to create a map of the universe that paved the way for astronomers.



## ***How to Hear the Universe: Gaby González and the Search for Einstein's Ripples in Space-Time***

by Patricia Valdez - Juvenile Biography (González)

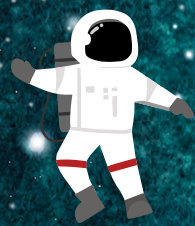
Completing the work that Albert Einstein had begun 100 years earlier, Gonzalez broke ground for new space-time research. In a fascinating picture book that covers 100 years, 2 pioneering scientists, and 1 trailblazing discovery, Patricia Valdez sheds light on a little known but extraordinary story.



## ***Margaret and the Moon: How Margaret Hamilton Saved the First Lunar Landing***

by Dean Robbins - Juvenile Biography (Hamilton)

Margaret Hamilton loved numbers as a young girl. 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!



# Out of this World Pioneers: Picture Book Biographies



CHILDREN'S PLACE  
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## ***Caroline's Comets: A True Story***

**by Emily Arnold McCully - Juvenile Biography (Herschel)**

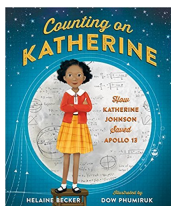
Caroline Herschel was not only one of the greatest astronomers who ever lived but also the first woman to be paid for her scientific work. Using her telescope, Caroline discovered fourteen nebulae and two galaxies, was the first woman to discover a comet. The information from the Herschels star catalogs is still used by space agencies today.



## ***Mae Among the Stars***

**by Roda Ahmed - Juvenile Picture Books (Ahmed)**

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 success at NASA as the first African American woman to travel in space.

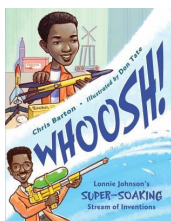


## ***Counting on Katherine***

**by Helaine Becker - Juvenile Biography (Johnson)**

**Spanish language version *Cuenta con Katherine* available in Multilingual**

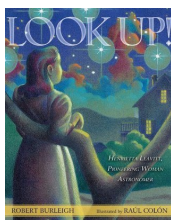
The story of Katherine Johnson, an African-American mathematician who worked for NASA during the space race, a mathematical genius who made sure that Apollo 13 returned safely home.



## ***Whoosh! Lonnie Johnson's Super-Soaking Stream of Invention***

**by Chris Barton - Juvenile Biography (Johnson)**

As a kid, Lonnie Johnson loved rockets, robots, inventions, and creativity. With persistence and a passion for problem solving, he became an engineer and worked for NASA. But it is his invention of the Super Soaker water gun that has made his most memorable splash with kids and adults.



## ***Look Up! The Story of the First Woman Astronomer***

**by Robert Burleigh - Juvenile Biography (Leavitt)**

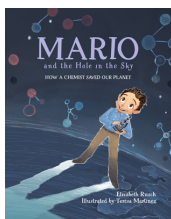
Henrietta Leavitt was the first person to discover the scientific importance of a star's brightness—so why has no one heard of her? Learn all about a female pioneer of astronomy in this picture book biography.



## ***What Miss Mitchell Saw***

**by Hayley Barrett - Juvenile Biography (Mitchell)**

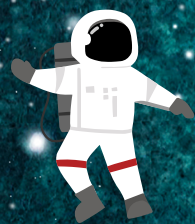
Every evening, from the time she was a child, Maria Mitchell stood on her rooftop with her telescope and swept the sky. And then one night she saw something unusual: a comet no one had ever seen before! Miss Mitchell's extraordinary discovery made her famous the world over and paved the way for her to become America's first professional female astronomer.



## ***Mario and the Hole in the Sky: How a Chemist Saved Our Planet***

**by Elizabeth Rusch - Juvenile Biography (Molina)**

Mexican American Mario Molina is a modern-day hero who helped solve the ozone crisis of the 1980s. As a young man in California, he discovered that CFCs, used in millions of refrigerators and spray cans, were tearing a hole in the earth's protective ozone layer. Mario knew the world had to be warned—and quickly.

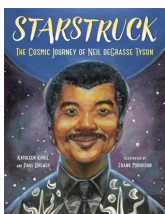


# Out of this World Pioneers: Picture Book Biographies



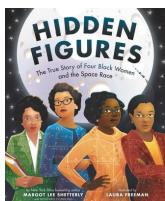
## ***Ellen Takes Flight: The Life of Astronaut Ellen Ochoa*** **by Doreen Rappaport - Juvenile Biography (Ochoa)**

When NASA began accepting women and people of color to the astronaut program, Ellen found herself drawn to this exciting and demanding career. On her first mission, she was the only woman aboard the shuttle Discovery and the first Latina to reach outer space. After four space flights, she became the first Latina director of the Johnson Space Center.



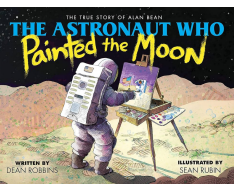
## ***Starstruck: The Cosmic Journey of Neil DeGrasse Tyson*** **by Kathleen Krull - Juvenile Biography (Tyson)**

This story of how one boy's quest for knowledge about space leads him to become a star scientist is perfect for young readers who are fascinated by the universe, aspiring scientists, and the dreamer in all of us. It will ignite your own sense of wonder.



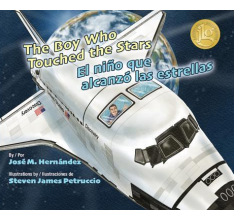
## ***Hidden Figures: The True Story of Four Black Women and the Space Race*** **by Margot Lee Shetterly - Juvenile Nonfiction - 510.9252 She**

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.



## ***The Astronaut Who Painted the Moon:*** **by Dean Robbins - Juvenile Biography (Bean)**

In 1969, Alan became the fourth man and first artist on the moon. He took dozens of pictures, but none compared to what he saw through his artistic eyes. When he returned to Earth, he began to paint what he saw.



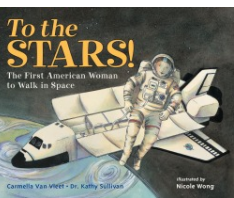
## ***The Boy Who Touched the Stars/El niño que alcanzó las estrellas*** **by José M. Hernández - Juvenile Multilingual Spanish Biographies**

As a kid, José Hernández dreamed of being an astronaut. But he struggled in school because his migrant family moved a lot and he didn't speak English. Even so, he never forgot his dream, and so he eventually applied to NASA to become an astronaut. His application was rejected eleven times, but he kept applying. He was finally selected for astronaut school and achieved his dream when he flew on the Space Shuttle Discovery to the International Space Station!



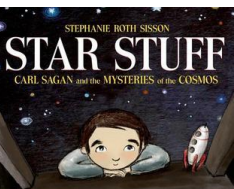
## ***The Fire of Stars: The Life and Brilliance of the Woman Who Discovered What Stars Are Made Of*** **by Kirsten Larson - Juvenile Biography (Payne)**

Astronomer and astrophysicist Cecilia Payne was the first person to discover what burns at the heart of stars. But she didn't start out as the groundbreaking scientist she would eventually become. She started out as a girl full of curiosity, hoping one day to unlock the mysteries of the universe.



## ***To the Stars! The First American Woman to Walk in Space*** **by Carmella Van Vleet - Juvenile Biography (Sullivan)**

Kathy liked fishing and swimming; flying planes and studying science. That's what she liked and that's what she decided to do with her life. She followed her heart and eventually became a NASA astronaut and the first woman to walk in space. Kathy wanted to see the whole world and so she did: from space!



## ***Star Stuff: Carl Sagan and the Mysteries of the Cosmos*** **by Stephanie Roth Sisson - Juvenile Biography (Sagan)**

When Carl Sagan was a young boy he went to the 1939 World's Fair and his life was changed forever. From that day on he never stopped marveling at the universe and seeking to understand it better. This book introduces the beloved man who brought the mystery of the cosmos into homes across America to a new generation of dreamers and star gazers.