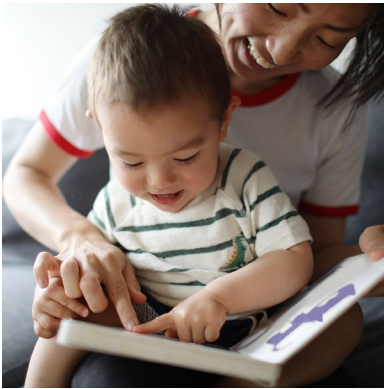




STEM INNOVATORS

STORYBOOK CONVERSATIONS WITH YOUR YOUNG CHILD

THIS CURATED BOOKLIST:



Young children are just as interested about the stories of real people as they are of fictitious characters. These books embrace and celebrate STEM innovators with engaging illustrations and photos to talk about with your young children. The wide representation of innovators also allows for children to see themselves and learn about the varied perspectives and paths that innovators take to reach their goals.

Some books list what STEM concepts and processes are embraced accurately, as well as language availability.

WHERE CAN I FIND THESE BOOKS?

Every child is different. These are only suggested age ranges and books. For example, older children may like the books for infants and toddlers.

Do what works best for encouraging your child's independent exploration during literacy activities. Consider consulting your child's care team first.

If you need to adapt the reading process for your child, please see STEMIE's guide: <https://stemie.fpg.unc.edu/resource/a-guide-to-book-adaptations/>.



Select the images of the book covers to visit videos of an adult reading aloud each book (green border). You could also mute the audio from the read-aloud video if you prefer to read the book to your child yourself and do not have a copy.

Check your local library for physical or digital book lending or this free online digital library: <https://archive.org/>.



Book titles with a dark blue box are accessible for individuals with learning disabilities through <https://www.bookshare.org/cms/>.

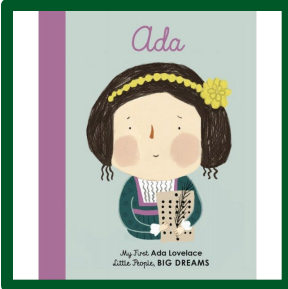




STEM INNOVATORS

STORYBOOK CONVERSATIONS WITH YOUR YOUNG CHILD

INFANTS AND YOUNG TODDLERS:



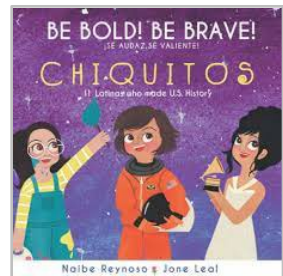
Ada: My First Ada Lovelace

Isabel Snachez Vagera



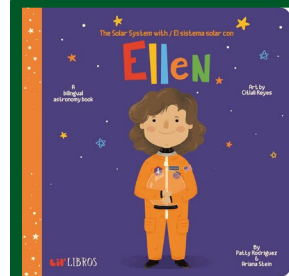
Marie Curie

Isabel Snachez Vagera



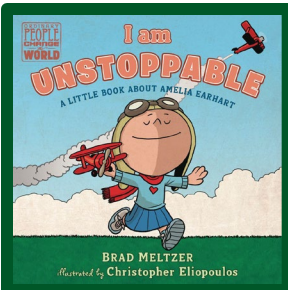
Be Bold! Be Brave! Chiquitos

Naibe Reynoso & Jone Leal
Bilingual Spanish
English



The Solar System with / El sistema solar con Ellen

Patty Rodriguez & Ariana Stein
Bilingual Spanish
English



I am Unstoppable: A Little Book About Amelia Earhart

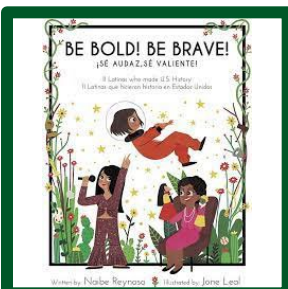
Brad Meltzer



Think Big, Little One

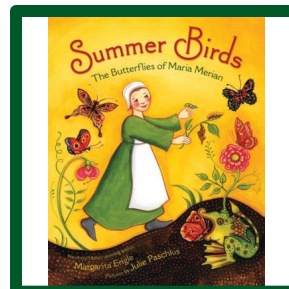
Vashti Harrison

OLDER TODDLERS:



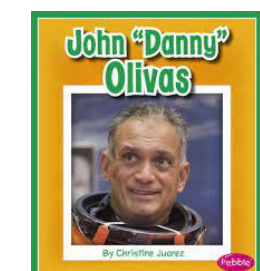
Be Bold! Be Brave! 11 Latinas who made U.S. History

Naibe Reynoso
Bilingual Spanish
English



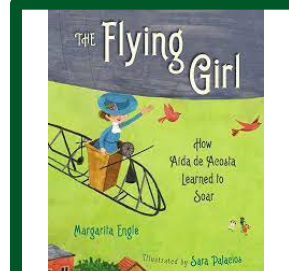
Summer Birds: The Butterflies of Maria Merian

Margarita Engle
Science



John "Danny" Olivas

Christine Juarez



The Flying Girl: How Aida de Acosta Learned to Soar

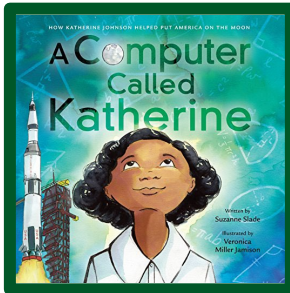
Margarita Engle & Sara Palacios
Engineering
Spanish



STEM INNOVATORS

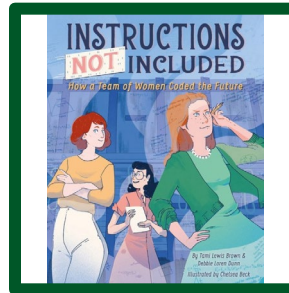
STORYBOOK CONVERSATIONS WITH YOUR YOUNG CHILD

PRESCHOOLERS:



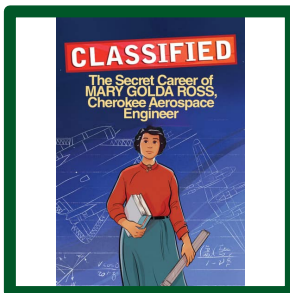
A Computer Called Katherine

Suzanne Slade
Math
Spanish



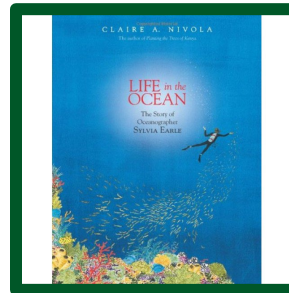
Instructions Not Included

Tami Lewis Brown &
Debbie Loren Dunn



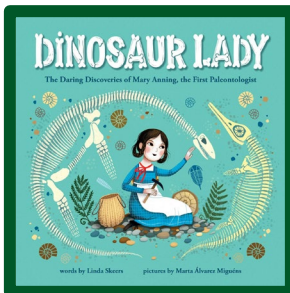
Classified: The Secret Career of Mary Golda Ross, Cherokee Aerospace Engineer

Traci Sorell



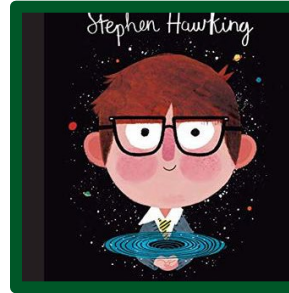
Life in the Ocean: The Story of Oceanographer Sylvia Earle

Claire A. Nivola



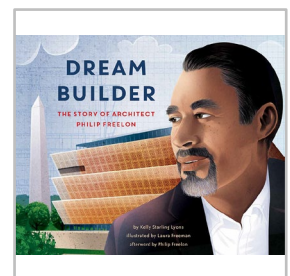
Dinosaur Lady: The Daring Discoveries of Mary Anning, the First Paleontologist

Linda Skeers



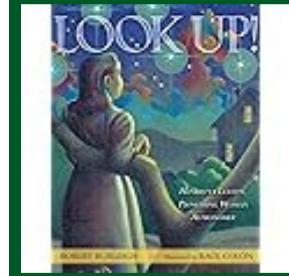
Little People Big Dreams Stephen Hawking

Isabel Snachez
Vagera



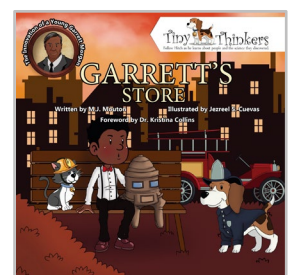
Dream Builder

Kelly Lyons
Engineering



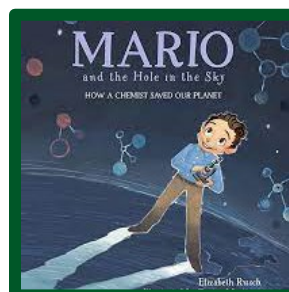
Look Up!: Henrietta Leavitt, Pioneering Woman Astronomer

Robert Burleigh



Garrett's Store

M J Mouton



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

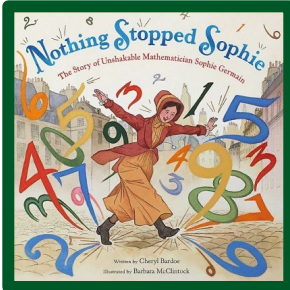
Elizabeth Rusch
Science



STEM INNOVATORS

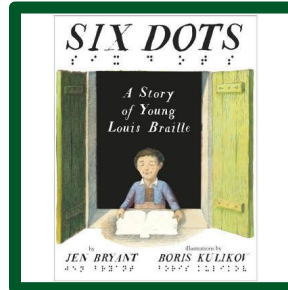
STORYBOOK CONVERSATIONS WITH YOUR YOUNG CHILD

PRESCHOOLERS (CONTINUED):



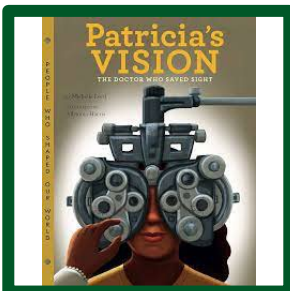
Nothing Stopped Sophie

Cheryl Bardoe &
Barbara McClintock



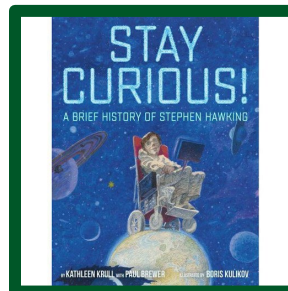
Six Dots: A Story of Young Louis Braille

Jen Bryant & Boris
Kulikov
Engineering, Math
Chinese



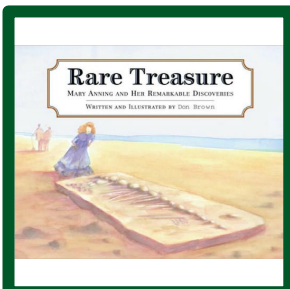
Patricia's Vision: The Doctor Who Saved Sight

Michelle Lord



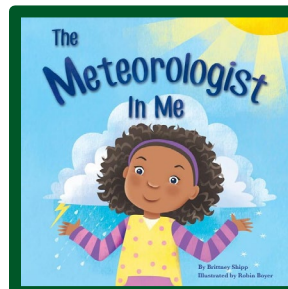
Stay Curious

Kathleen Krull & Paul
Brewer
Spanish, Chinese



Rare Treasure: Mary Anning and Her Remarkable Discoveries

Don Brown



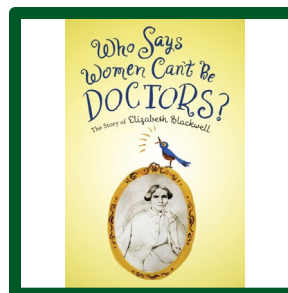
The Meteorologist in Me

Brittney Shipp
Science
Spanish



Shark Lady

Jess Keating



Who Says Women Can't Be Doctors?:

The Story of Elizabeth Blackwell
Tanya Lee Stone

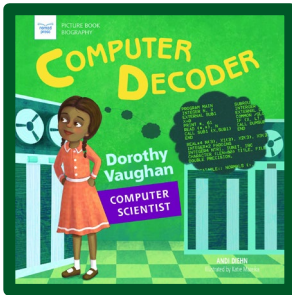




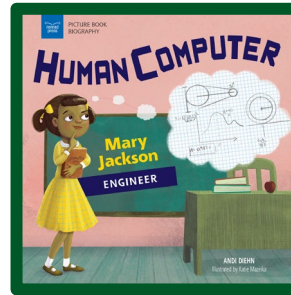
STEM INNOVATORS

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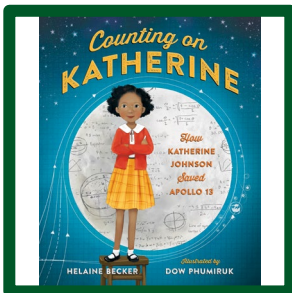
KINDERGARTENERS:



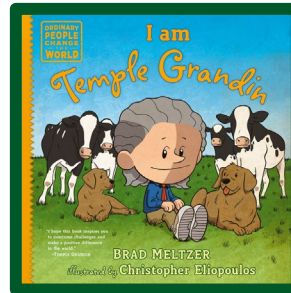
Computer Decoder:
Dorothy Vaughan,
Computer Scientist
Andi Diehn



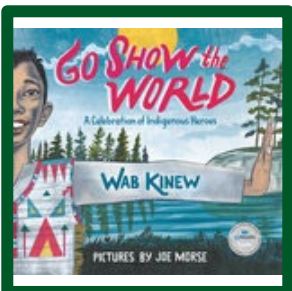
Human Computer:
Mary Jackson,
Engineer
Andi Diehn



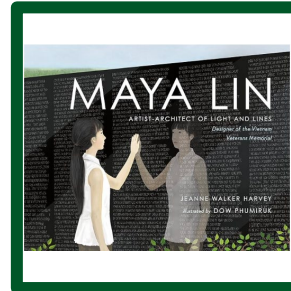
Counting on
Katherine
Helaine Becker



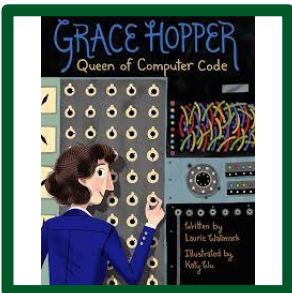
I am Temple Grandin
Brad Meltzer



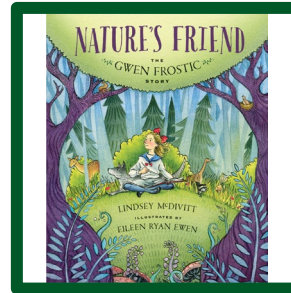
Go Show the World:
A Celebration of
Indigenous Heroes
Wab Kinew



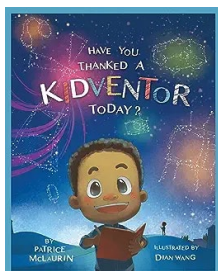
Maya Lin: Artist-
Architect of Light
and Lines
Jeanne Walker
Harvey
Science



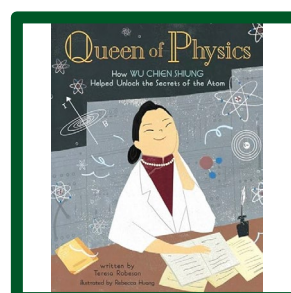
Grace Hopper:
Queen Of Computer
Code
Laurie Wallmark
Kindergarteners
Technology (CT) &
Math



Nature's Friend: The
Gwen Frostic Story
Lindsey McDivitt
Science



Have You Thanked a
Kidventor Today?
Patrice McLaurin
Engineering



Queen of Physics:
How Wu Chien
Shiung Helped
Unlock the Secrets of
the Atom
Teresa Robeson



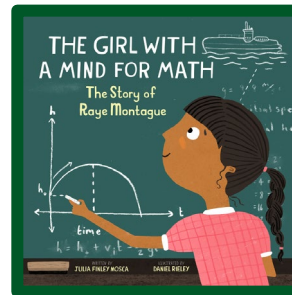
STEM INNOVATORS

STORYBOOK CONVERSATIONS WITH YOUR YOUNG CHILD

KINDERGARTENERS (CONTINUED):



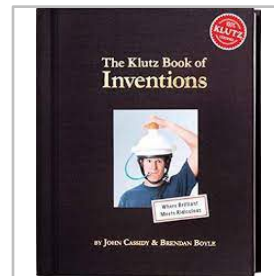
Swimming With Sharks: The Daring Discoveries of Eugenie Clark
Heather Lang



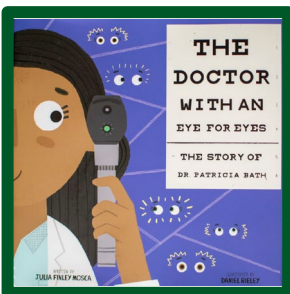
The Girl With a Mind for Math
Julia Finley Mosca



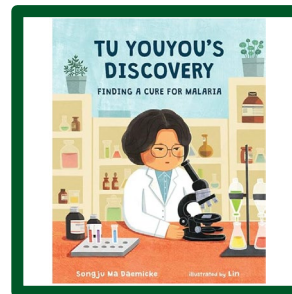
The Astronaut With a Song for the Stars: The Story of Dr. Ellen Ochoa
Julia Finley Mosca
Science



The Klutz Book of Inventions
John Cassidy
Engineering



The Doctor with an Eye for Eyes
Julia Finley Mosca



Tu Youyou's Discovery: Finding a Cure for Malaria
Songju Ma Daemicke

MORE STEMIE CURATED BOOKLISTS:

STEM & Disabilities:

Stories that show how STEM is for everyone — celebrating disability inclusion and sparking meaningful discussions.

Curated STEM Booklists:

Award-winning books that bring everyday STEM to life with pictures, stories, and conversations young children will love.

- **Science**
- **Technology (Computational Thinking)**
- **Engineering**
- **Math**

