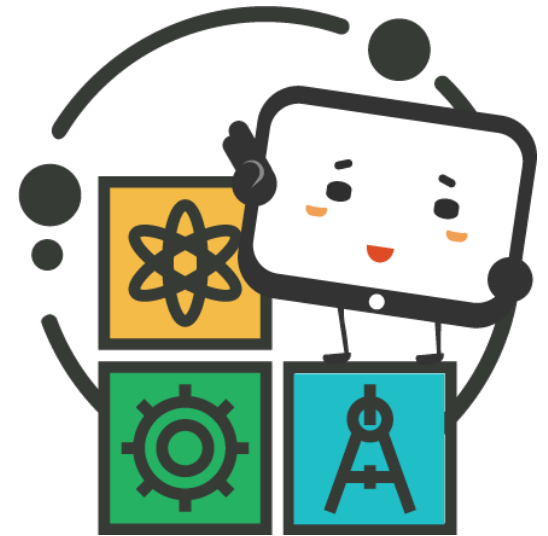




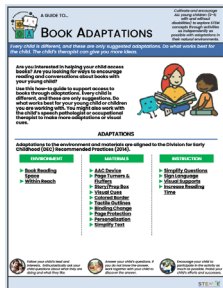
CURATED STEM BOOKLIST



These books, some award-winning, embrace everyday STEM concepts accurately and have lots of engaging illustrations and photos to talk about with your young child. You may want to explore other books by the authors listed here – their other titles are often just as good!

Each book indicates the STEM (Science, Technology, Engineering, Math) domain and some books indicate character and/or author representation (Asian Pacific, Disability, Black, Hispanic/Latina, and/or Native American) as well as language availability (Bilingual, Spanish, French, Chinese).

ADAPTATIONS



The ages are only SUGGESTED! For example, older children may like the books in the “Babies & Toddlers” section. If you need to adapt the reading process for your child, please see STEMIE’s guide: <https://stemie.fpg.unc.edu/guide-book-adaptations>.

Click on 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 digital book lending or this free online digital library: <https://archive.org/>.

Book titles underlined are accessible for individuals with reading disabilities through <https://www.bookshare.org/cms/>.





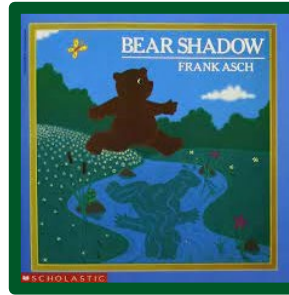
CURATED STEM BOOKLIST

BABIES & TODDLERS (0 – 2+ YEARS)



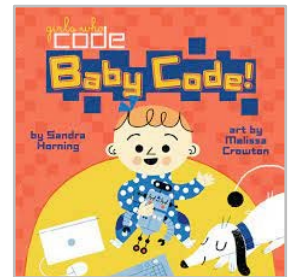
Architecture for Babies

Jonathan Litton
Engineering



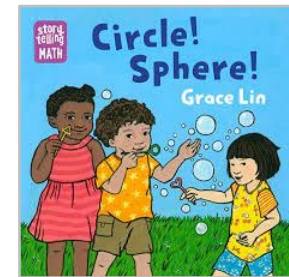
Bear Shadow

Frank Asch
Science



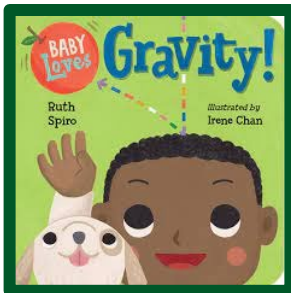
Baby Code!

Sandra Horning
Technology (CT)



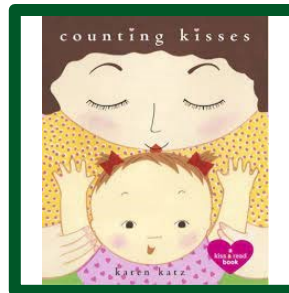
Circle! Sphere!

Grace Lin
Math
Asian author
Also available in Spanish



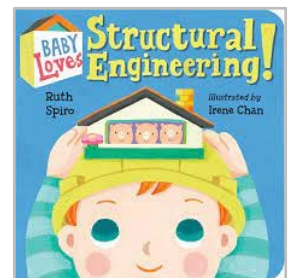
Baby Loves Gravity!

Ruth Spiro
Science
Black character
Also available in Spanish



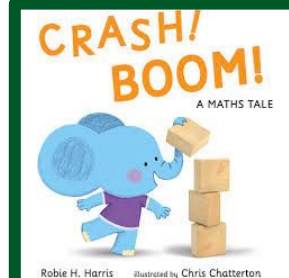
Counting Kisses

Karen Katz
Math
Also available in Spanish



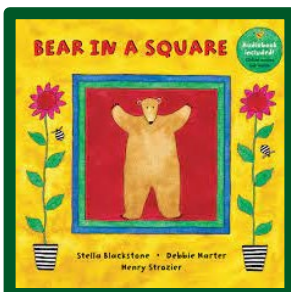
Baby Loves Structural Engineering!

Ruth Spiro
Engineering



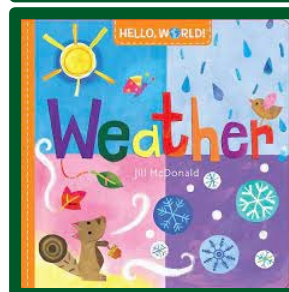
Crash! Boom! A Math Tale

Robie H. Harris
Math



Bear in a Square

Stella Blackstone
Math
Also available in Spanish & French



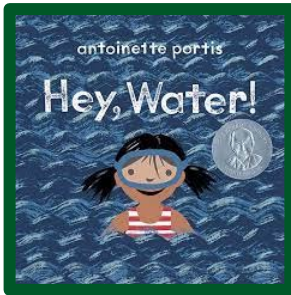
Hello, World! Weather

Jill McDonald
Science

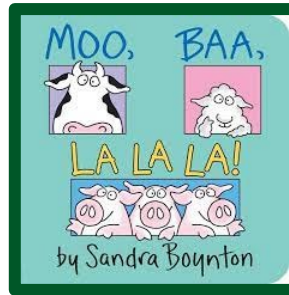


CURATED STEM BOOKLIST

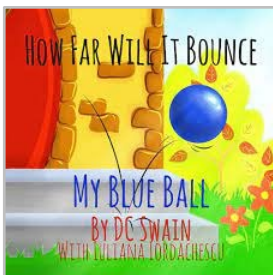
BABIES & TODDLERS (0 – 2+ YEARS; CONTINUED)



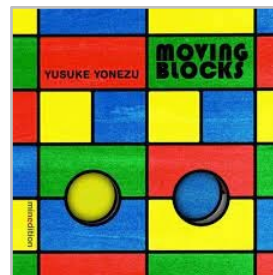
Hey, Water!
Antoinette Portis
Science



Moo, Baa, La La La!
Sandra Boynton
Science



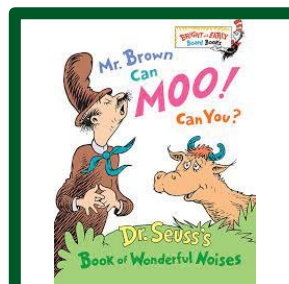
How Far Will it Bounce?: My Blue Ball
DC Swain
Science



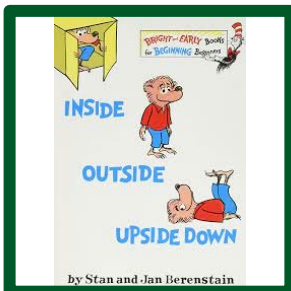
Moving Blocks
Yusuke Yonezu
Science & Engineering
Asian author



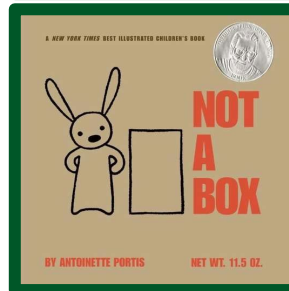
I See Patterns
Linda Benton
Math



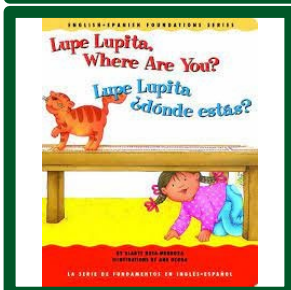
Mr. Brown Can Moo! Can You?
Dr. Seuss
Science



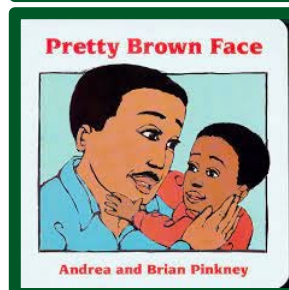
Inside, Outside, Upside Down
Stan & Jan Berenstain
Math



Not a Box
Antoinette Portis
Engineering & Math
Also available in Spanish & Chinese



Lupe Lupita, Where Are You?
Gladys Rosa-Mendoza
Math
Hispanic/Latina author & character
Bilingual English & Spanish



Pretty Brown Face
Andrea & Brian Pinkney
Science
Black author & character



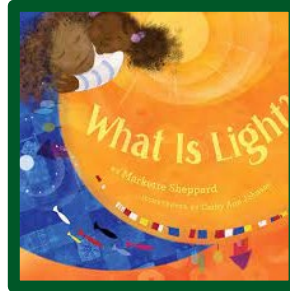
CURATED STEM BOOKLIST

BABIES & TODDLERS (0 – 2+ YEARS; CONTINUED)



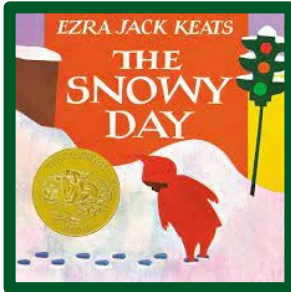
The Last Marshmallow

Grace Lin
Math
Asian author, Asian Pacific & Black characters
Also available in Spanish



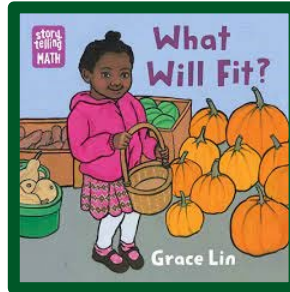
What Is Light?

Markette Sheppard
Science
Black character



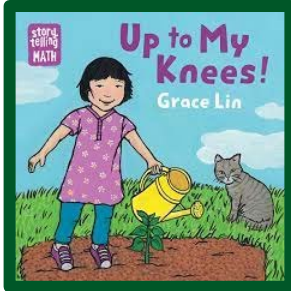
The Snowy Day

Ezra Jack Keats
Science
Black character
Also available in Spanish



What Will Fit?

Grace Lin
Math
Asian author, Black character
Also available in Spanish



Up to My Knees!

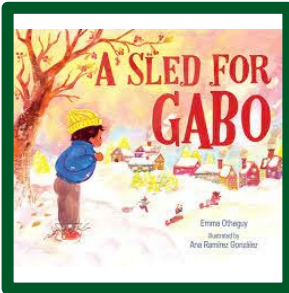
Grace Lin
Science & Math
Asian author & character
Also available in Spanish





CURATED STEM BOOKLIST

OLDER TODDLERS (3+ YEARS)



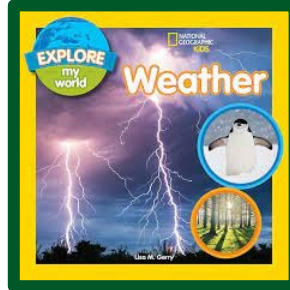
A Sled for Gabo
 Emma Otheguy
 Science
 Hispanic/Latinao character
 Also available in Spanish



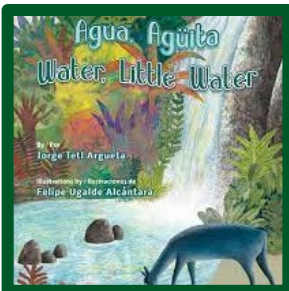
Color Zoo
 Lois Ehlert
 Math



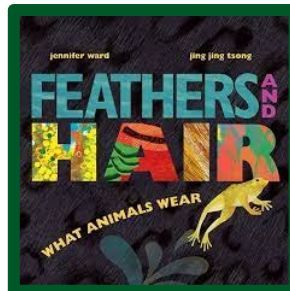
Again, Essie?
 Jenny Lacika
 Math
 Hispanic/Latinao author & character
 Also available in Spanish



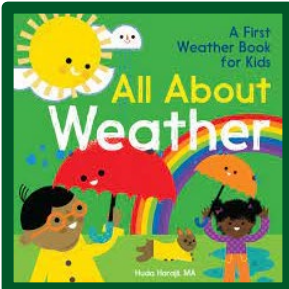
Explore My World: Weather
 Lisa Gerry
 Science



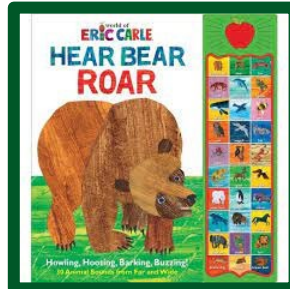
Agua, Agüita / Water, Little Water
 Jorge Argueta
 Science
 Hispanic/Latinao author
 Bilingual Spanish & English



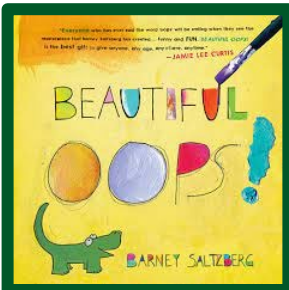
Feathers and Hair: What Animals Wear
 Jennifer Ward
 Science



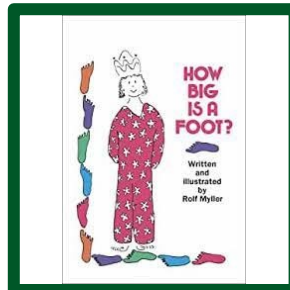
All About Weather
 Huda Harajli
 Science



Hear Bear Roar
 Eric Carle
 Science



Beautiful Oops!
 Barney Saltzberg
 Engineering

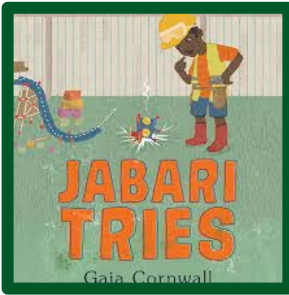


How Big is a Foot?
 Rolf Myller
 Math



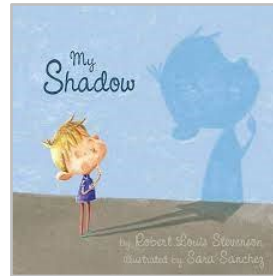
CURATED STEM BOOKLIST

OLDER TODDLERS (3+ YEARS; CONTINUED)



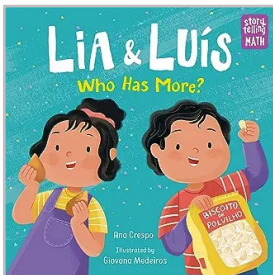
Jabari Tries

Gaia Cornwall
Engineering
Black character
Also available in Spanish



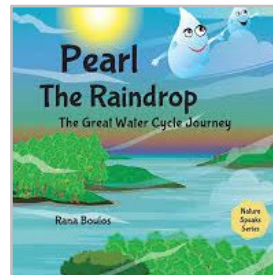
My Shadow

Robert Louis Stevenson
Science
Also available in Chinese



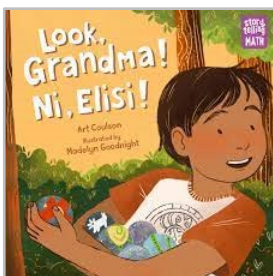
Lia & Luis: Who Has More?

Ana Crespo
Math
Hispanic/Latinao author & characters
Also available in Spanish



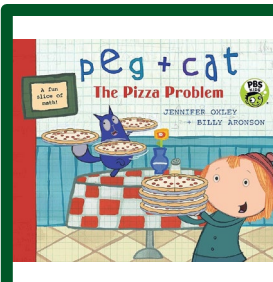
Pearl the Raindrop

Rana Boulos
Science



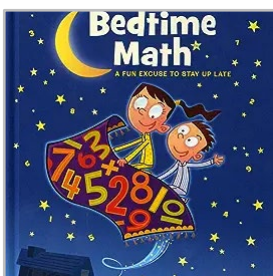
Look, Grandma! Ni, Elisi!

Art Coulson
Math
Native American author & character
Also available in Spanish



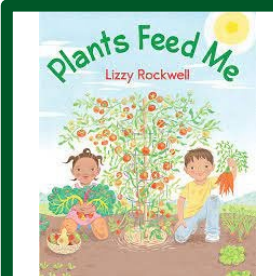
Peg + Cat: The Pizza Problem

Jennifer Oxley & Billy Aronson
Technology & Math



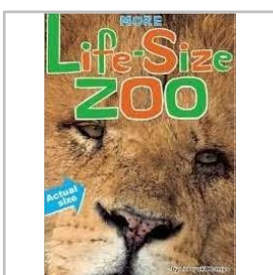
Bedtime Math

Laura Overdeck
Math
Also available in Spanish



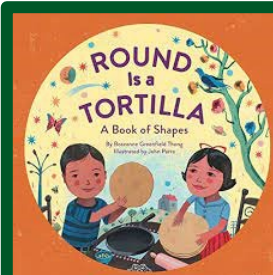
Plants Feed Me

Lizzy Rockwell
Science



More Life-Size Zoo

Kristin Earhart
Science



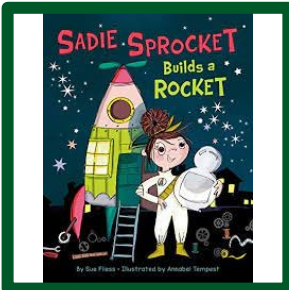
Round Is a Tortilla: A Book of Shapes

Roseanne Thong
Math
Hispanic/Latinao characters
Also available in Spanish



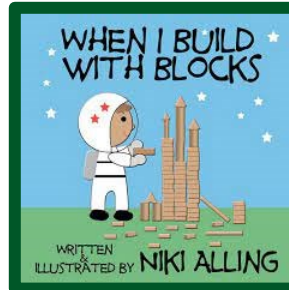
CURATED STEM BOOKLIST

OLDER TODDLERS (3+ YEARS; CONTINUED)



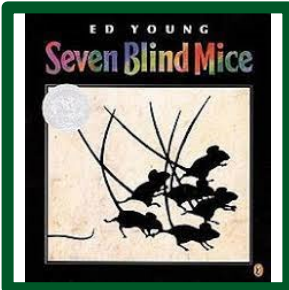
Sadie Sprocket Builds a Rocket

Sue Fliess
Engineering



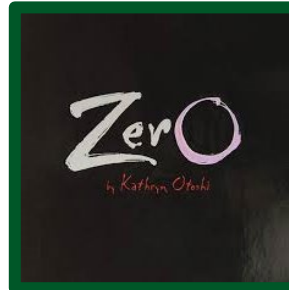
When I Build With Blocks

Niki Alling
Engineering



Seven Blind Mice

Ed Young
Technology (CT)
Disability characters
Also available in Spanish



Zero

Kathryn Otoshi
Math
Asian author



The Most Magnificent Thing

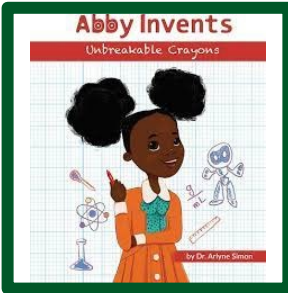
Ashley Spires
Engineering





CURATED STEM BOOKLIST

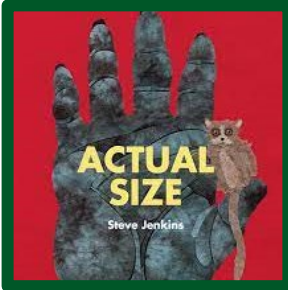
PRESCHOOLERS (4+ YEARS)



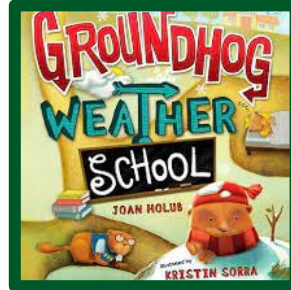
Abby Invents Unbreakable Crayons
Dr. Arlyne Simon
Engineering
Black author & character



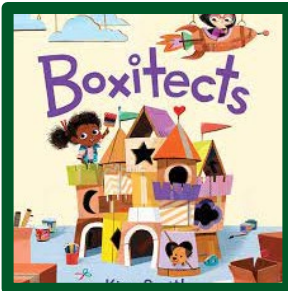
Gabi's If/Then Garden
Caroline Karanja
Technology (CT)
Black author & character



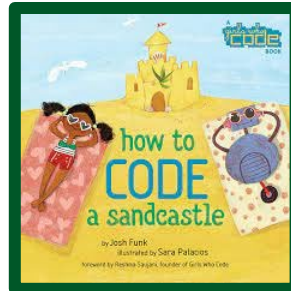
Actual Size
Steve Jenkins
Math



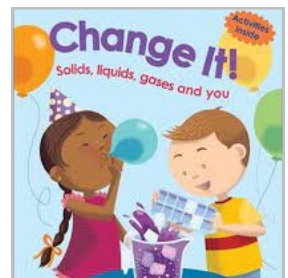
Groundhog Weather School
Joan Holub
Science



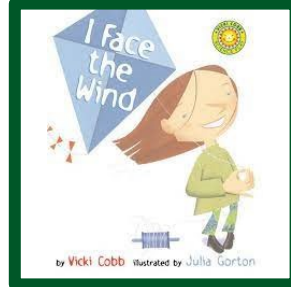
Boxitects
Kim Smith
Engineering
Black character
Also available in Chinese



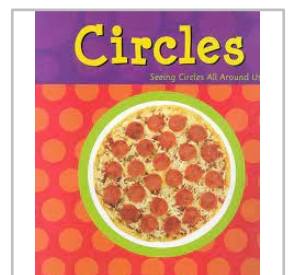
How to Code a Sandcastle
Josh Funk
Technology (CT)
Black character



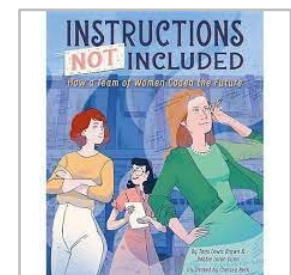
Change It! Solids, Liquids, Gases and You
Adrienne Mason
Science



I Face the Wind
Vicki Cobb
Science



Circles
Sarah Schuette
Math
Also available in Spanish

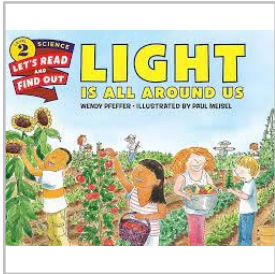


Instructions Not Included
Tami Lewis Brown & Debbie Loren Dunn
Technology (CT)



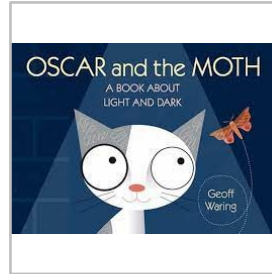
CURATED STEM BOOKLIST

PRESCHOOLERS (4+ YEARS; CONTINUED)



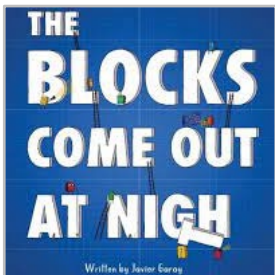
Light Is All Around Us

Wendy Pfeffer
Science



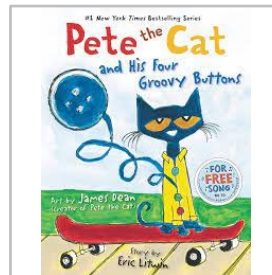
Oscar and the Moth

Geoff Waring
Science
Also available in Spanish



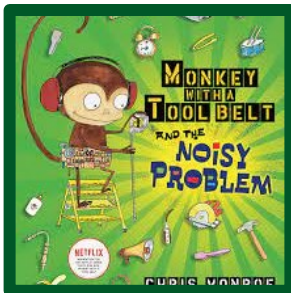
The Blocks Come Out at Night

Javier Garay
Engineering
Hispanic/Latina author & character
Also available in Spanish



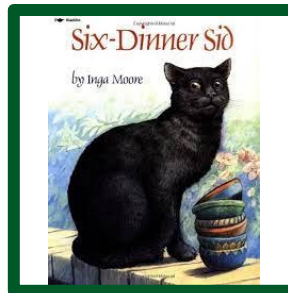
Pete the Cat and His Four Groovy Buttons

Eric Litwin
Math
Also available in Spanish, Hebrew, & Chinese



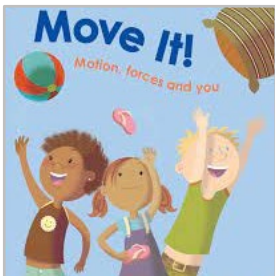
Monkey with A Tool Belt and The Noisy Problem

Chris Monroe
Science & Technology (CT)



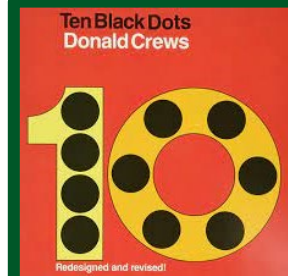
Six-Dinner Sid

Inga Moore
Math
Also available in Chinese



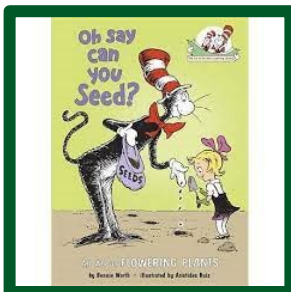
Move It! Motion, Forces and You

Adrienne Mason
Science



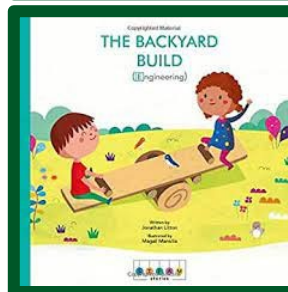
Ten Black Dots

Donald Crews
Math
Black author
Also available in Spanish



Oh Say Can You Seed?

Bonnie Worth
Science



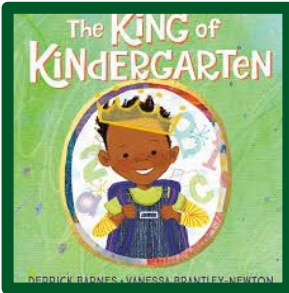
The Backyard Build

Jonathan Litton
Engineering



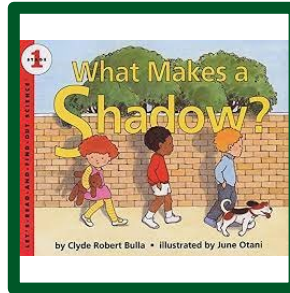
CURATED STEM BOOKLIST

PRESCHOOLERS (4+ YEARS; CONTINUED)



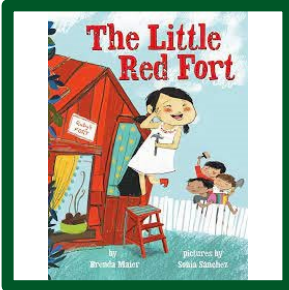
The King of Kindergarten

Derrick Barnes
Technology (CT)
Black author & character



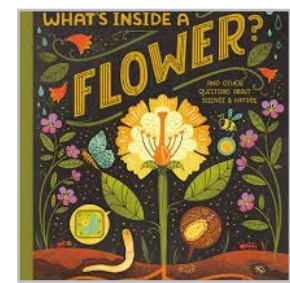
What Makes a Shadow?

Clyde Robert Bulla
Science



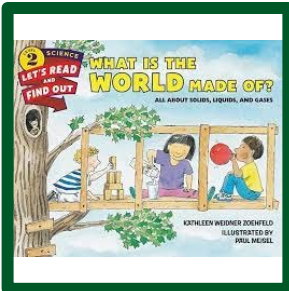
The Little Red Fort

Brenda Maier
Engineering
Hispanic/Latinao characters
Also available in Spanish



What's Inside a Flower

Rachel Ignotofsky
Science
Also available in Chinese



What Is the World Made Of?: All About Solids, Liquids, and Gases

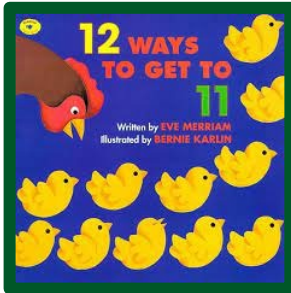
Kathleen Weidner Zoehfeld
Zoehfeld
Science





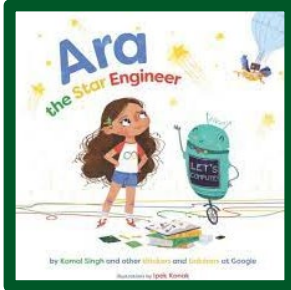
CURATED STEM BOOKLIST

KINDERGARTENERS (5+ YEARS)



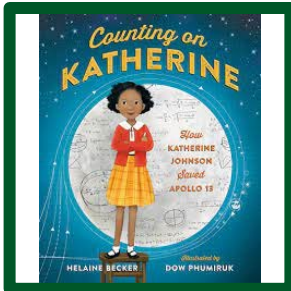
12 Ways to Get to 11

Eve Merriam
Math



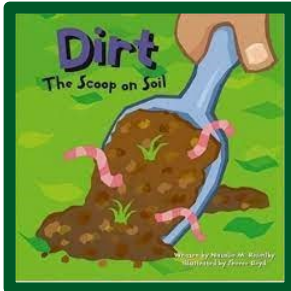
Ara the Star Engineer

Komal Singh
Technology & Math
Asian author



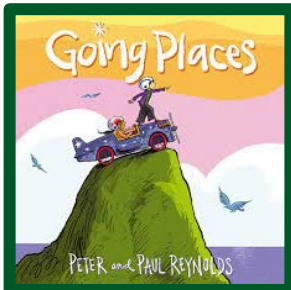
Counting on Katherine

Helaine Becker
Technology & Math
Black Innovator



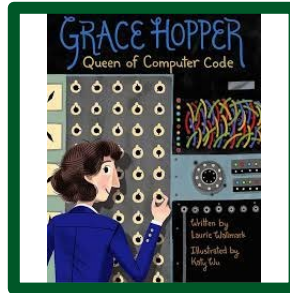
Dirt: The Scoop on Soil

Natalie M. Rosinsky
Science
Also available in Spanish



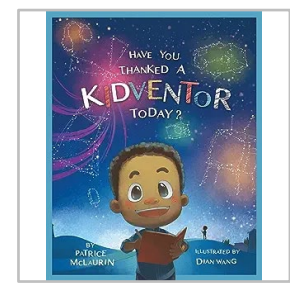
Going Places

Peter & Paul Reynolds
Technology & Engineering
Hispanic/Latina character



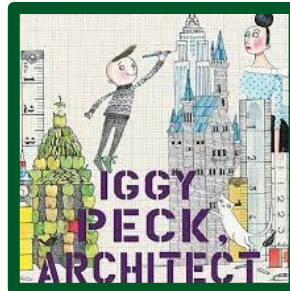
Grace Hopper: Queen of Computer Code

Laurie Wallmark
Technology (CT) & Math



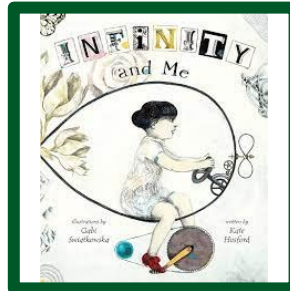
Have You Thanked a Kidventor Today?

Patrice McLaurin
Engineering
Black author & character



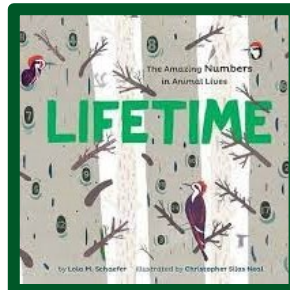
Iggy Peck Architect

Andrea Beaty
Engineering
Also available in Spanish & Chinese



Infinity and Me

Kate Hosford
Math
Also available in Chinese



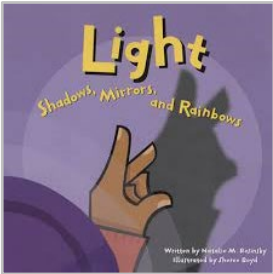
Lifetime: The Amazing Numbers in Animal Lives

Lola M Schaefer
Science & Math
Also available in Chinese



CURATED STEM BOOKLIST

KINDERGARTENERS (5+ YEARS; CONTINUED)

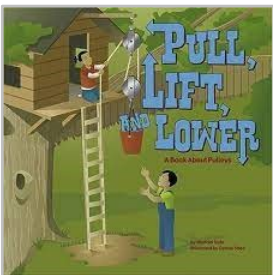


Light: Shadows, Mirrors, and Rainbows

Natalie M. Rosinsky

Science

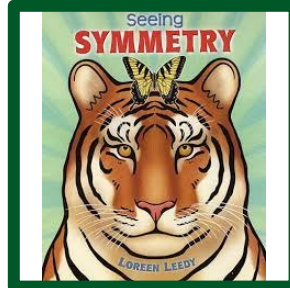
Also available in Spanish



Pull, Lift, and Lower. A Book About Pulleys

Michael Dahl

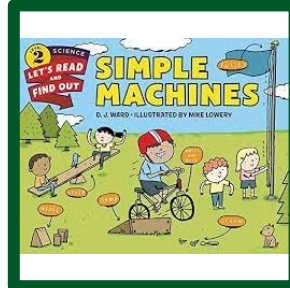
Science



Seeing Symmetry

Loreen Leedy

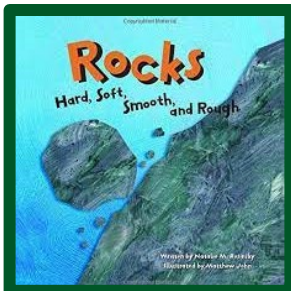
Math



Simple Machines

D. J. Ward

Engineering

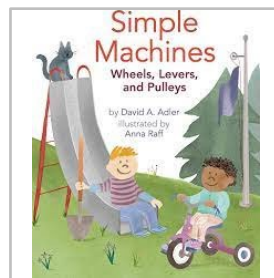


Rocks: Hard, Soft, Smooth, and Rough

Natalie M. Rosinsky

Science

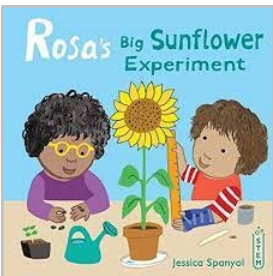
Also available in Spanish



Simple Machines: Wheels, Levers, and Pulleys

David A Adler

Science & Engineering

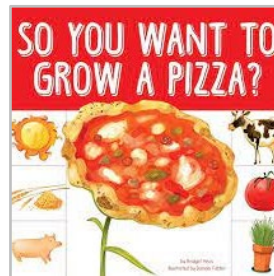


Rosa's Big Sunflower Experiment

Jessica Spanyol

Science

Also available in Spanish

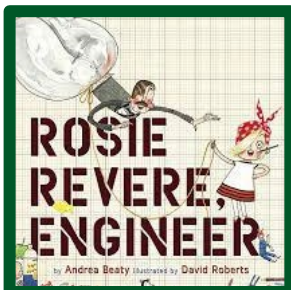


So You Want to Grow a Pizza?

Bridget Heos

Science

Black author

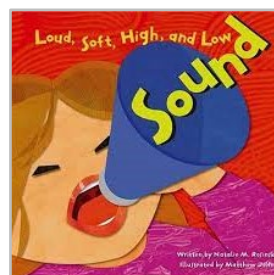


Rosie Revere Engineer

Andrea Beaty

Engineering

Also available in Spanish



Sound: Loud, Soft, High, and Low

Natalie M. Rosinsky

Science

Also available in Spanish



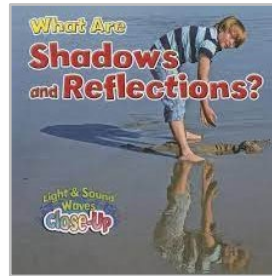
CURATED STEM BOOKLIST

KINDERGARTENERS (5+ YEARS; CONTINUED)



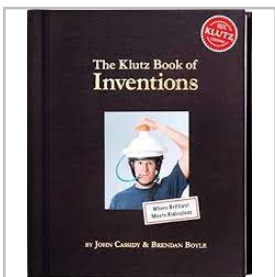
The Great Big Water Cycle

Kay Barnham
Science



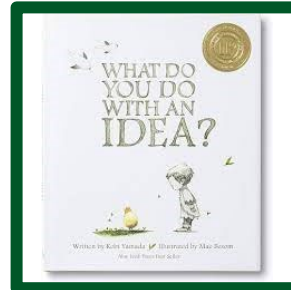
What Are Shadows and Reflections?

Robin Johnson
Science



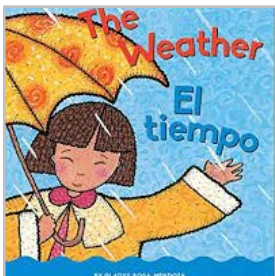
The Klutz Book of Inventions

John Cassidy
Engineering



What Do You Do With an Idea?

Kobi Yamada
Engineering
Asian author



The Weather/El tiempo

Gladys Rosa-Mendoza
Science
Hispanic/Latina author & character
Bilingual Spanish & English