



CURATED SCIENCE BOOKLIST

STORYBOOK CONVERSATIONS WITH YOUR YOUNG CHILD

THIS CURATED BOOKLIST:



These books show science concepts, like forces and motion, light, living things, sounds, states of matter, structure and properties of materials, and weather, accurately with engaging illustrations and photos to talk about with your young child.

If you and your child enjoy a book on this list, try looking for more by the same author, you may find other gems!

These books are arranged by the recommended age range and indicate other languages that they are available in.

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/>.

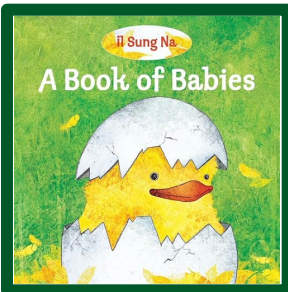




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INFANTS & TODDLERS:



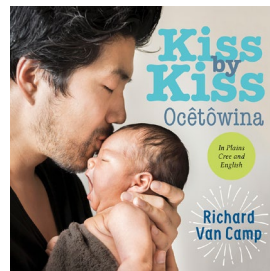
A Book Of Babies
Il Sung Na



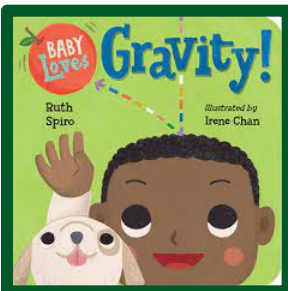
How Far Will It Bounce?: My Blue Ball
DC Swain



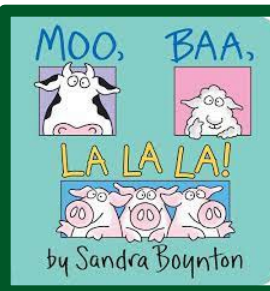
Bear Shadow
Frank Asch



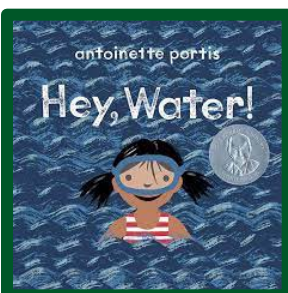
Kiss By Kiss
Richard Van Camp
Also available in Cree



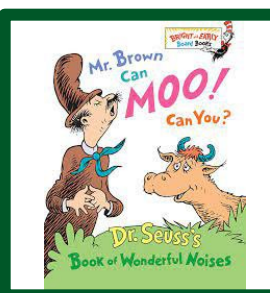
Gravity!
Ruth Spiro
Also available in Spanish



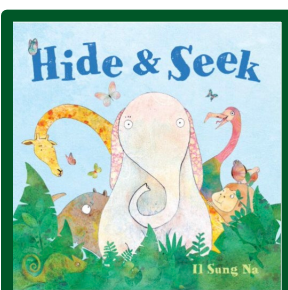
Moo, Baa, La La La!
Sandra Boynton



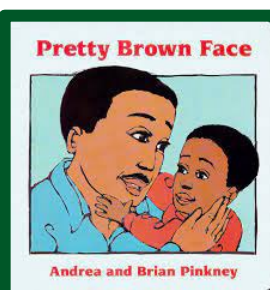
Hey, Water!
Antoinette Portis



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



Hide & Seek
Il Sung Na



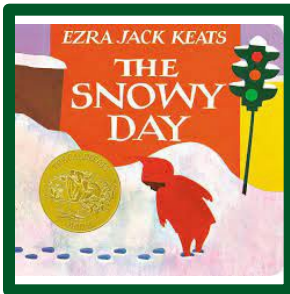
Pretty Brown Face
Andrea & Brian Pinkney



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INFANTS & TODDLERS: (CONTINUED):



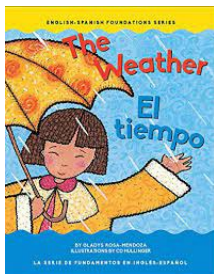
The Snowy Day

Ezra Jack Keats
Also available in Spanish



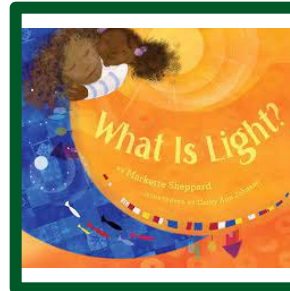
Weather

Jill McDonald



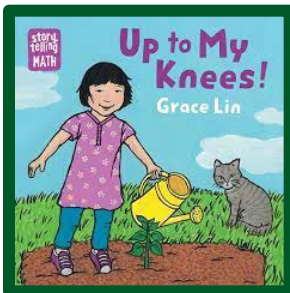
The Weather/El tiempo

Gladys Rosa-Mendoza & Carolina Cifuentes
Bilingual Spanish & English



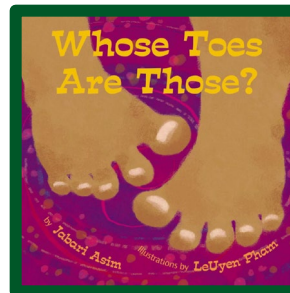
What Is Light?

Markette Sheppard



Up to My Knees

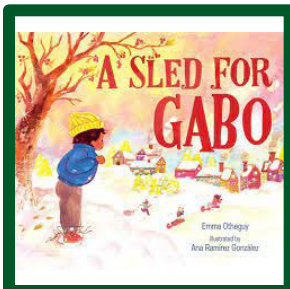
Grace Lin
Also available in Spanish



Whose Toes Are Those?

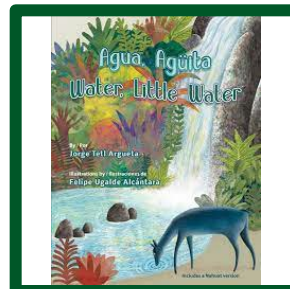
Jabari Asim

OLDER TODDLERS:



A Sled For Gabo

Emma Otheguy
Also available in Spanish



Agua, Agüita/Water, Little Water

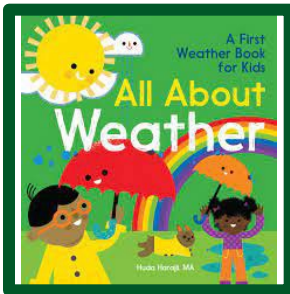
Jorge Argueta
Bilingual Spanish & English



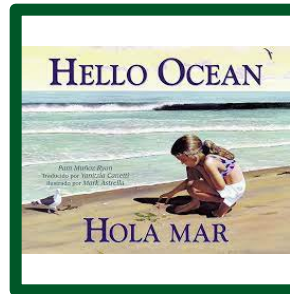
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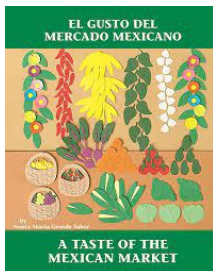
OLDER TODDLERS:



All About Weather
Huda Harajli



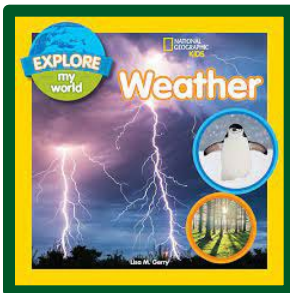
Hola Mar/Hello Ocean
Pam Muñoz Ryan
Bilingual Spanish & English



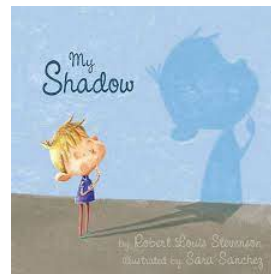
El Gusto Del Mercado Mexicano/A Taste Of The Mexican Market
Nancy Maria Grande Tabor
Bilingual Spanish & English



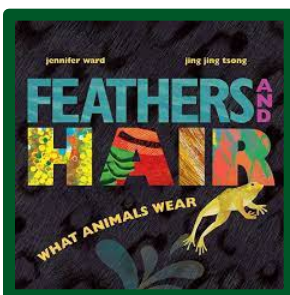
More Life-Size Zoo
Kristin Earhart



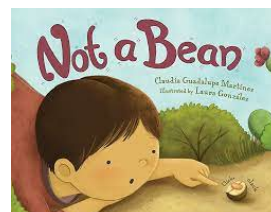
Explore My World: Weather
Lisa Gerry



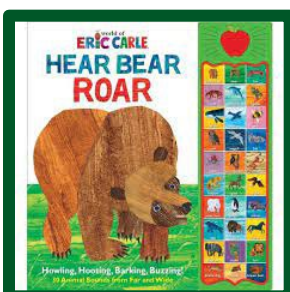
My Shadow
Robert Louis Stevenson
Also available in Chinese Mandarin



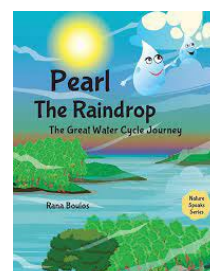
Feathers And Hair. What Animals Wear
Jennifer Ward



Not A Bean
Claudia Guadalupe Martínez
Also available in Spanish



Hear Bear Roar
Eric Carle



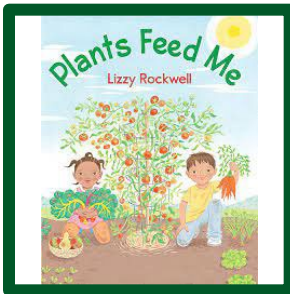
Pearl The Raindrop
Rana Boulos



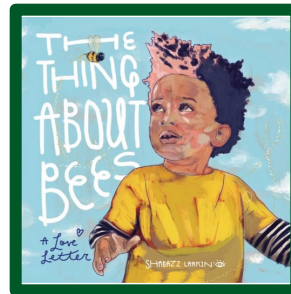
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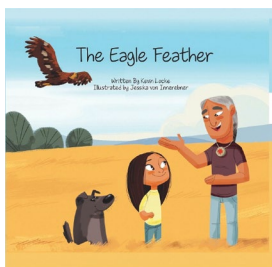
OLDER TODDLERS (CONTINUED):



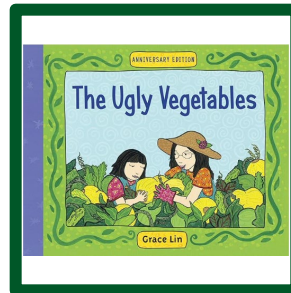
Plants Feed Me
Lizzy Rockwell



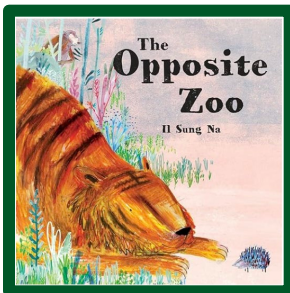
The Thing About Bees
Shabazz Larkin



The Eagle Feather
Kevin Locke & Jessika
Von Innerebner



The Ugly Vegetables
Grace Lin
Also available in
Chinese Mandarin

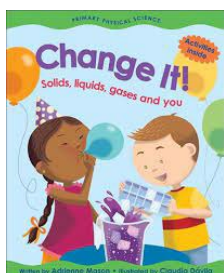


The Opposite Zoo
Il Sung Na

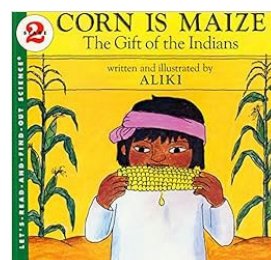


Where Wonder Grows
Xelena Gonzalez) &
Adriana M. Garcia
Also available in
Spanish

PRESCHOOLERS:



**Change It!: Solids,
Liquids, Gases And
You**
Adrienne Mason



Corn Is Maize
Alikì



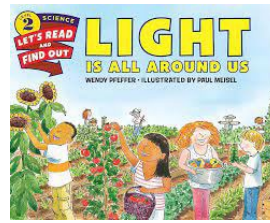
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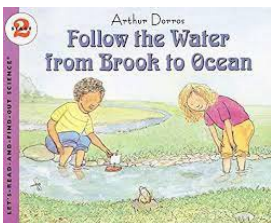
PRESCHOOLERS (CONTINUED):



Feel The Wind
Arthur Dorros



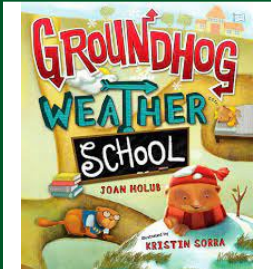
Light Is All Around Us
Wendy Pfeffer



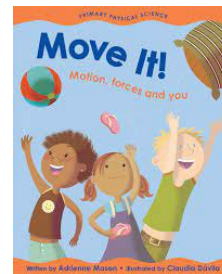
Follow The Water From Brook To Ocean
Arthur Dorros



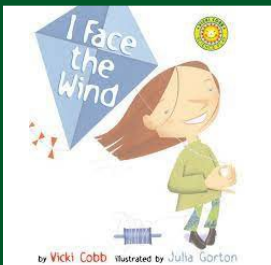
Meeka Loves Nature: Insects
Danny Christopher
Bilingual Inuktitut



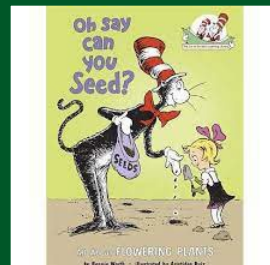
Groundhog Weather School
Joan Holub



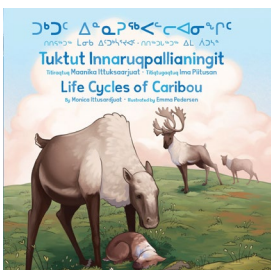
Move It! Motion, Forces And You
Adrienne Mason



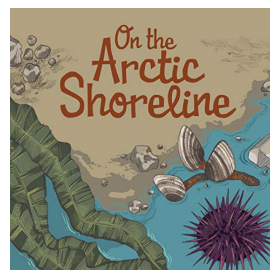
I Face The Wind
Vicki Cobb



Oh Say Can You Seed
Bonnie Worth



Life Cycles Of Caribou
Monica Ittusardjuat
Bilingual Inuktitut



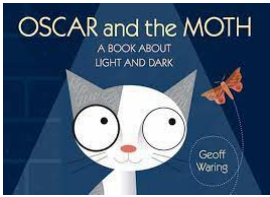
On The Artic Shoreline
Lenny Lischenko
Also available in Inuktitut



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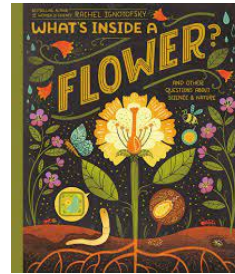
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PRESCHOOLERS (CONTINUED):



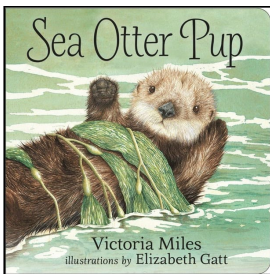
Oscar And The Moth

Geoff Waring
Also available in
Spanish



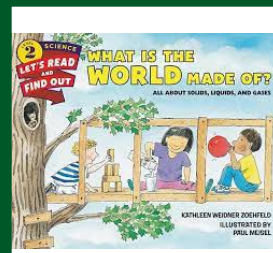
What's Inside A Flower

Rachel Ignotofsky
Also available in
Chinese Mandarin



Sea Otter Pup

Victoria Miles



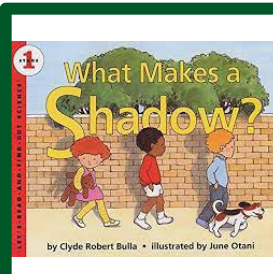
What Is The World Made Of?: All About Solids, Liquids, And Gases

Kathleen Weidner
Zoehfeld



We Are Water Protectors

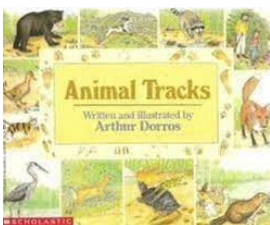
Carole Lindstrom
Also available in
Spanish, French, &
Chinese Mandarin



What Makes A Shadow?

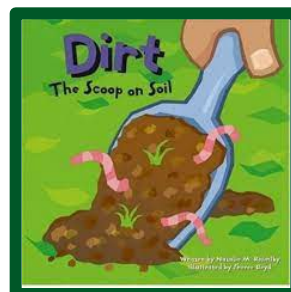
Clyde Robert Bulla

KINDERGARTENERS:



Animal Tracks

Arthur Dorros
Also available in
Spanish



Dirt: The Scoop On Soil

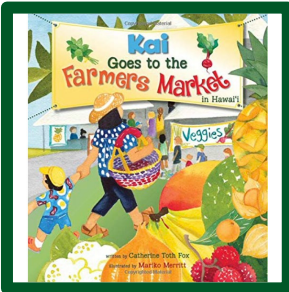
Natalie M. Rosinsky
Also available in
Spanish



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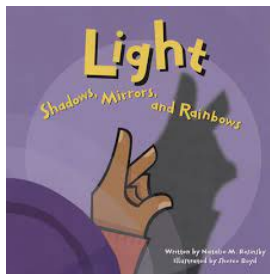
KINDERGARTENERS (CONTINUED):



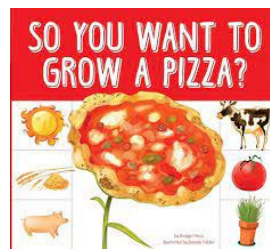
Kai Goes To The Farmers Market In Hawaii
Catherine Toth Fox



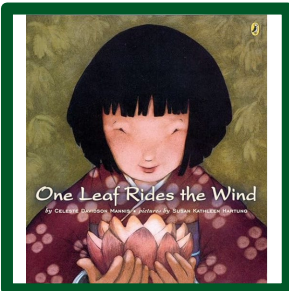
Rosa's Big Sunflower Experiment
Jessica Spanyol
Also available in Spanish



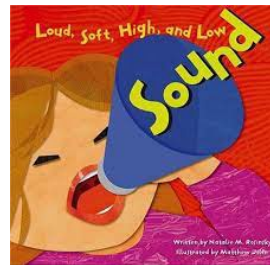
Light: Shadows, Mirrors, and Rainbows
Natalie M. Rosinsky
Also available in Spanish



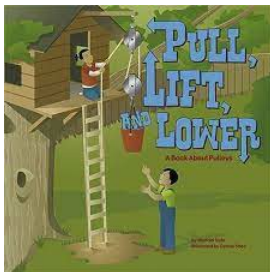
So You Want To Grow A Pizza?
Bridget Heos



One Leaf Rides The Wind
Celeste Mannis



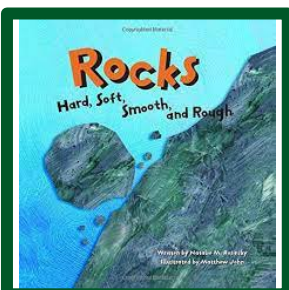
Sound: Loud, Soft, High, And Low
Natalie M. Rosinsky
Also available in Spanish



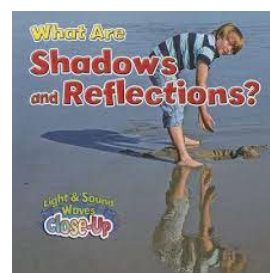
Pull, Lift, And Lower. A Book About Pulleys
Michael Dahl



The Great Big Water Cycle
Kay Barnham



Rocks: Hard, Soft, Smooth, And Rough
Natalie M. Rosinsky
Also available in Spanish



What Are Shadows And Reflections?
Robin Johnson



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MORE STEMIE CURATED BOOKLISTS:

STEM Innovators:

Books that center the stories and experiences of real-life STEM innovators, inspiring young children to see themselves in STEM.

STEM & Disabilities:

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

STEM & The Arts:

Books that blend creativity and STEM, inspiring children to see how art, music, and drama connect with STEM learning opportunities.

Looking for Technology, Engineering, and/or Math books?

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

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

