



CURATED MATH BOOKLIST

STORYBOOK CONVERSATIONS WITH YOUR YOUNG CHILD

THIS CURATED BOOKLIST:



These books show everyday math concepts and processes, like counting and numbers, space and shape, and symmetry, 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 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/>.

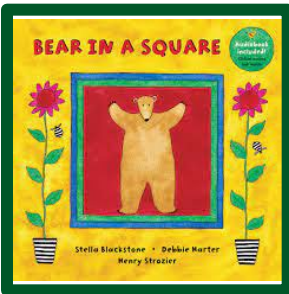




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INFANTS & TODDLERS:



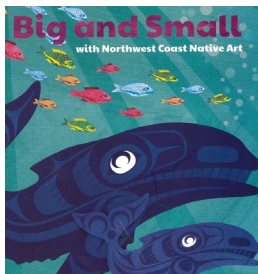
Bear In A Square

Stella Blackstone
Also available in
Spanish & French



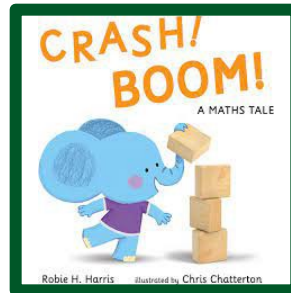
Counting With - Contando Con Frida

Patty Rodriguez &
Ariana Stein
Bilingual Spanish &
English



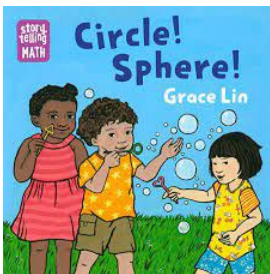
Big And Small

Various Canadian
Artists



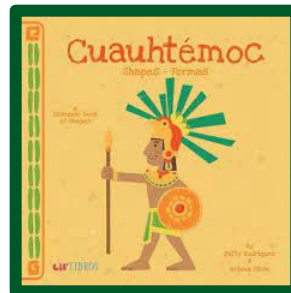
Crash! Boom! A Math Tale

Robie H. Harris



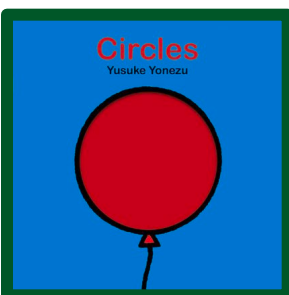
Circle! Sphere!

Grace Lin
Also available in
Spanish



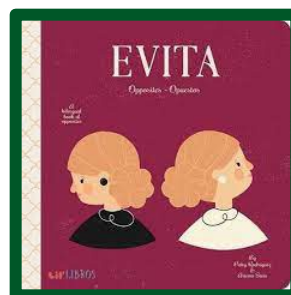
Cuauhtémoc: Shapes/Forms

Patty Rodriguez &
Ariana Stein
Bilingual Spanish &
English



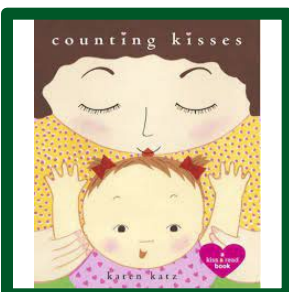
Circles

Yusuke Yonezu



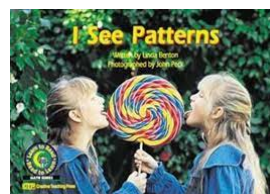
Evita: Opposites/Opuestos

Patty Rodriguez &
Ariana Stein
Bilingual Spanish &
English



Counting Kisses

Karen Katz
Also available in
Spanish



I See Patterns

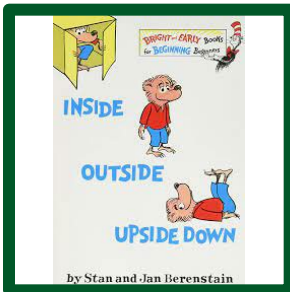
Linda Benton



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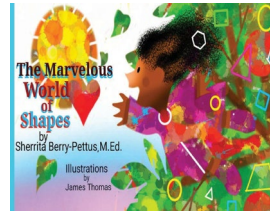
STORYBOOK CONVERSATIONS WITH YOUR YOUNG CHILD

INFANTS & TODDLERS (CONTINUED):



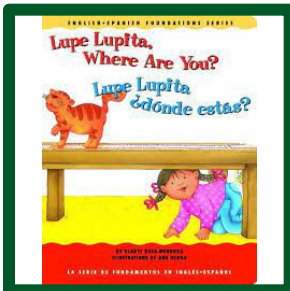
Inside, Outside, Upside Down

Stan & Jan
Berenstain



The Marvelous World Of Shapes

Sherrita Berry-Pettus



Lupe Lupita, Where Are You?

Gladys Rosa-
Mendoza
Bilingual English &
Spanish



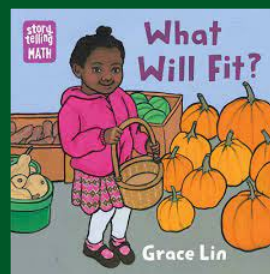
Usha And The Big Digger

Amitha Jagannath
Knight
Also available in
Spanish



The Last Marshmallow

Grace Lin
Also available in
Spanish



What Will Fit?

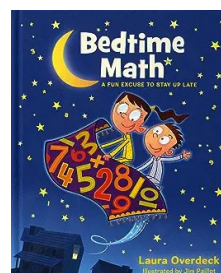
Grace Lin
Also available in
Spanish

OLDER TODDLERS



Again, Essie?

Jenny Lacika
Also available in
Spanish



Bedtime Math

Laura Overdeck
Also available in
Spanish



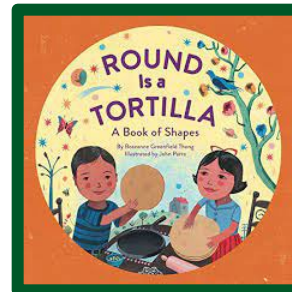
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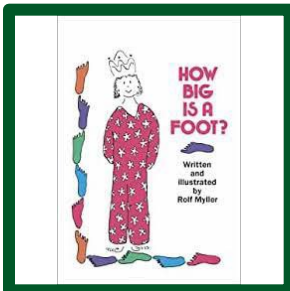
OLDER TODDLERS (CONTINUED):



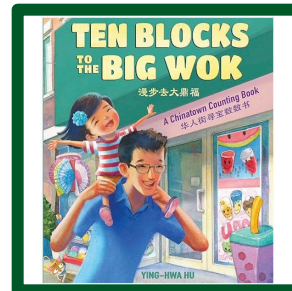
Color Zoo
Lois Ehlert



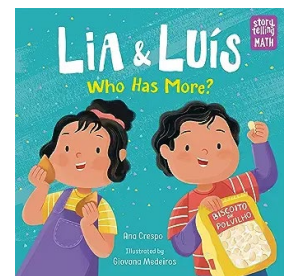
Round Is A Tortilla: A Book Of Shapes
Roseanne Thong
Also available in Spanish



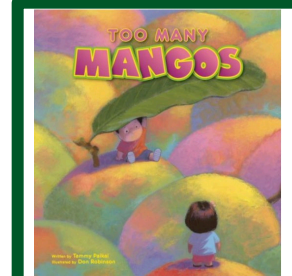
How Big Is A Foot?
Rolf Myller



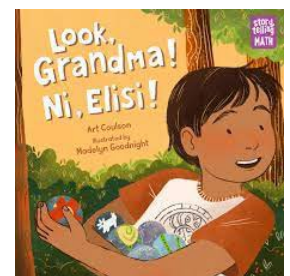
Ten Blocks To The Big Wok: A Chinatown Counting Book
Ying-hwa Hu
Also Available Digitally In Chinese Mandarin



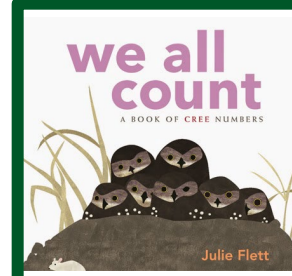
Lia & Luis: Who Has More?
Ana Crespo
Also available in Spanish



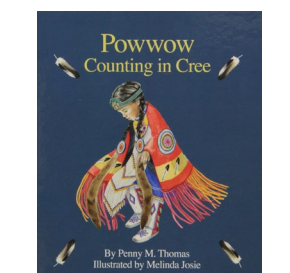
Too Many Mangos
Tammy Paikai



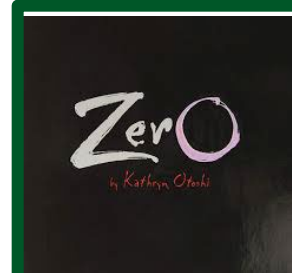
Look, Grandma! Ni, Elisi!
Art Coulson
Also available in Spanish



We All Count: A Book Of Cree Numbers
Julie Flett
Bilingual Cree



Powwow Counting In Cree
Penny Thomas



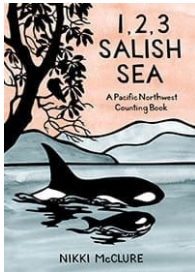
Zero
Kathryn Otoshi



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PRESCHOOLERS:



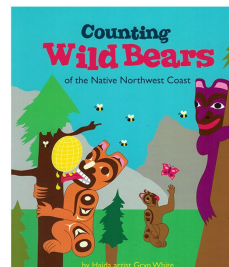
1, 2, 3 Salish Sea
Nikki McClure



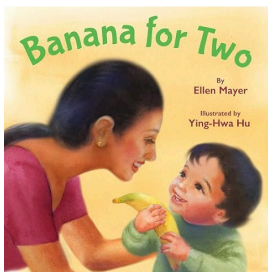
Counting in Mi'kmaw
Loretta Gould
Bilingual
Mi'kmawiktuk



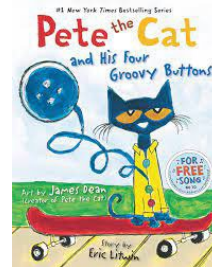
Actual Size
Steve Jenkins



Counting Wild Bears of the Native Northwest Coast
Gryn White



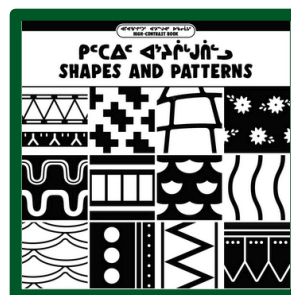
Banana for Two
Ellen Mayer



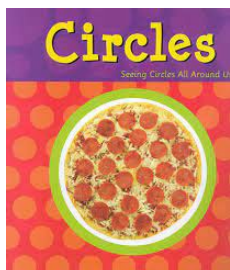
Pete The Cat And His Four Groovy Buttons
Eric Litwin
Also available in
Spanish, Hebrew, &
Chinese Mandarin



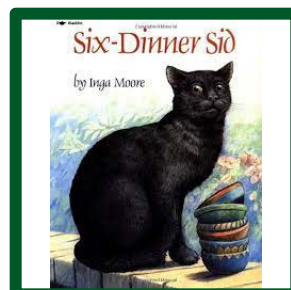
Biggest to Smallest
Inhabit Education
Bilingual Inuktitut



Shapes and Patterns
Olivia Chan
Bilingual Inuktitut &
Bilingual Inuinnaqtun



Circles
Sarah Schuette
Also available in
Spanish



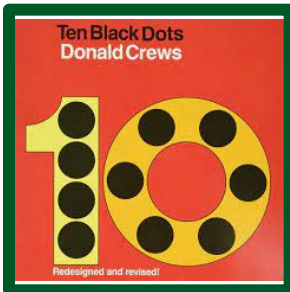
Six-Dinner Sid
Inga Moore
Also available in
Chinese Mandarin



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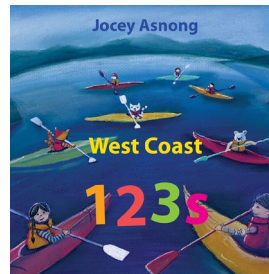
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PRESCHOOLERS (CONTINUED):



Ten Black Dots

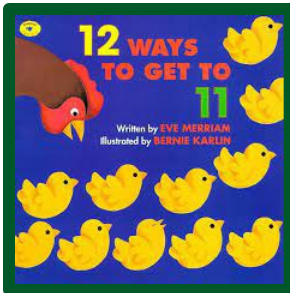
Donald Crews
Also available in
Spanish



West Coast 123s

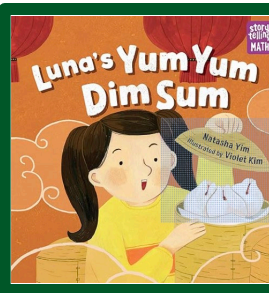
Jocey Asnong

KINDERGARTENERS:



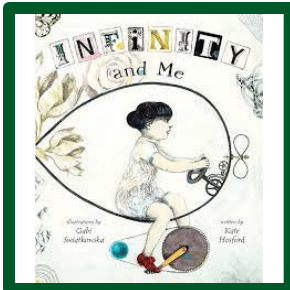
12 Ways To Get To 11

Eve Merriam



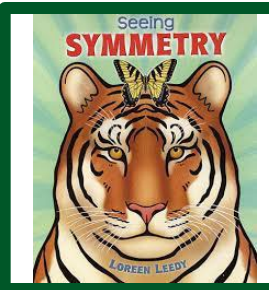
Luna's Yum Yum Dim Sum

Natasha Yim
Also available in
Spanish



Infinity And Me

Kate Hosford
Also available in
Chinese Mandarin



Seeing Symmetry

Loreen Leedy



Lifetime: The Amazing Numbers In Animal Lives

Lola M Schaefer
Chinese





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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 Science, Technology, and/or Engineering?

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

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

