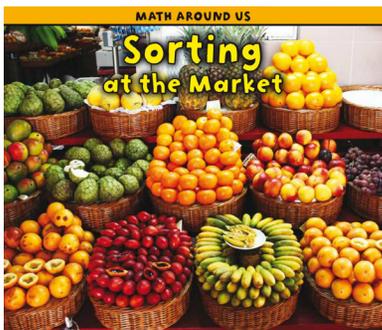


Sorting and Classifying

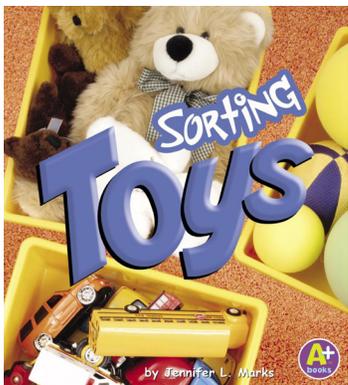


Sorting at the Market

by Tracey Steffora

Simple text and vivid images to introduce readers to different ways objects found in the market can be sorted.

- Take your child to the grocery store. Talk about how products on the shelves are sorted and classified. For example, all the apples are sorted from the other fruits and vegetables and put into the produce section of the grocery store. They are further sorted by color (green or red), size (single or bags), and brand (Red Delicious or McIntosh).
- Using a muffin tin, place a colored dot into the bottom of each tin. Have child place colored pompom, or colored goldfish in the appropriate carton.



Sorting Toys

by Jennifer Marks

From tea sets to teddy bears to creepy-crawly bugs, toys are tons of fun. Check out all the ways to group your toys and put it all together with Sorting Toys.

- Place two laundry basket in front of the child (label one basket number 1, the second basket number 2) with a pile of socks. Have child sort the socks in to the two baskets based on size. (large sock goes basket 1 and small sock into basket 2) This can also be extended into sorting by colors.
- Place different items in a plastic container, and have the child sort/classify each item based on theme. (Example: items for the beach, naptime, lunch, etc.)

Additional books



Number Sense and Quantity

- Bear Counts (Karma Wilson)
- Chick, Chicka, 123 (Bill Martin Jr.)
- Feast for 10 (Cathryn Falwell)
- How Do Dinosaurs Count to Ten (Jane Yolen)



Shapes

- A Star in my Orange: Looking for Nature's Shape (Dana Meachen Rau)
- Perfect Square (Michael Hall)
- Round is a Mooncake: A Book of Shapes (Roseanne Thong)
- Shapes in the Kitchen (Tracey Steffora)



Measurement

- Is It Larger? Is It Smaller? (Tana Hoban)
- Length (Henry Pluckrose)
- Size (Henry Pluckrose)
- Weight (Henry Pluckrose)



Patterns

- Animal Patterns (Nathan Olson)
- City Patterns (Nathan Olson)
- Pattern Bugs (Trudy Harris)
- Patterns at the Museum (Tracey Steffora)

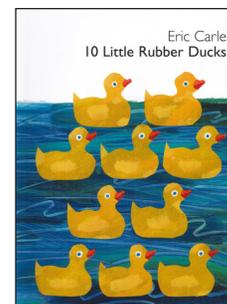


Sorting and Classifying

- Sort it Out! (Barbara Mariconda)
- Sorting (Lynn Peppas)
- The Button Box (Margarette S. Reid)

EM3 Toddler Literacy and Math Connections

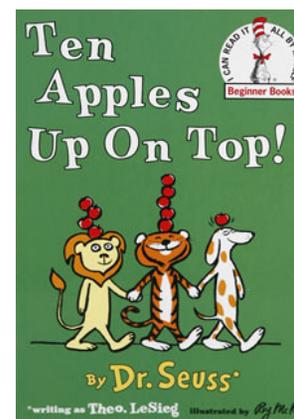
Number Sense and Quantity



10 Little Rubber Ducks by Eric Carle

It is a sweet story of a box of rubber duckies who fall off of their transport ship and out of their box into the ocean. Each rubber duckie meets a different ocean animal on his adventure. The book counts from one to ten as it introduces each animal.

- Point to and count each duck with your child. (You can also extend this by including the sea animals)
- Using a numbers blotter, write out the numbers 1–10 on a separate half-sheet of paper, and make a color blot for the number represented on the sheet.



Ten Apples up on Top by Dr. Seuss

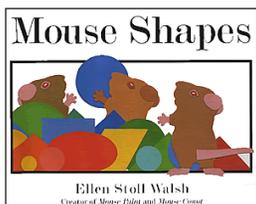
A lion, a dog, and a tiger are having a contest—can they get ten apples piled up on top of their heads? You better believe it!

- Finger play: “Way up high in the apple tree, (point to the sky) 3 little apples smiled at me. (Show three fingers) I shook that tree as hard as I could, (pretend

to shake the tree) down came an apple. (Fall on the floor) Mmmm, it was good.” (Rub your tummy) Continue till you reach 1.

- Have your child place an apple on the little boy's head each time an animal places an apple on their head and count the number of apples you have.

Shapes



Mouse Shapes

by Ellen Stollwalsh

The three crafty mice use the shapes to protect themselves from one hungry cat finally using them to make scary mice to frighten the cat away!

- Point out the different shapes to your child and have them identify each shape.
- Pre-cut various shapes and have your toddler create their own scary mouse.
- Shape poem: I'm Celia Circle- watch me bend. Round and round from end to end. Ricky Rectangle is my name. My four sides are not the same. Two are short, two are long. Count my sides come right along! Trudy Triangle is the name for me. Tap my sides- 1, 2, 3! Sammy Square is my name. My four sides are just the same. Count one side, then count more. Count to 2, 3, and 4!



So Many Circles, So Many Squares

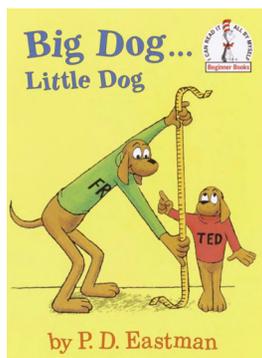
by Tana Hoban

Picture book that is all about shapes in our environment. There is page after page of pictures of daily life, food, signs

etc... with the simple question of finding the shapes in the photos.

- Play eye-spy with your child. Parent will give child clues to the object using shapes. (I spy with my little eye something round...) parents can make this challenging by describing the shape instead of naming.
- Use masking tape to create large shapes on your floor (triangle, rectangle, circle, and square) let child hunt for shapes around the house and sort each item to its shape by placing it inside the giant taped shaped.
- Song: What Shape is this? - sung to "The Muffin Man" Do you know what shape this is, What shape this is, what shape this is? Do you know what shape this is I'm holding in my hand?

Measurement

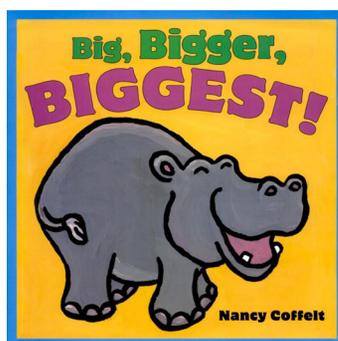


Big Dog, Little Dog

by P.D. Eastman

This delightful book chronicles a day in the life of Ted and Fred-two dogs who are different in every way, but also the best of friends. An irreverent introduction to the concepts of size, color, and opposites.

- Finger play: As high as a house (reach high) as small as a mouse (crouch) as wide as a barn (feet apart, arms sideways) as thin as a pin. (stand erect)
- Make your own time sequence book with your child. Staple a few sheets of paper together to make a book. Encourage her to draw pictures that show her daily routine (In the morning, I like to..., In the afternoon, I like to..., and In the evening at like to....).



Big, Bigger, BIGGEST!

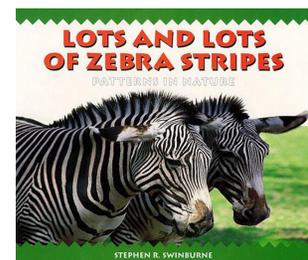
by Nancy Coffelt

How would you describe a hippopotamus? Big might be the first word that comes to mind. What about a whale? Gigantic? Immense? How

about enormous! What if you had to find a word for the biggest animal of them all--a dinosaur. Mammoth? Humongous? Colossal!

- Create your own movement actions with your child. Encourage your child to use his body to become big/ bigger/bigger or make a smile or frown - small/ smaller/ smallest.
- Finger Play: One is a giant who stomps her feet (stomp around room) Two is a fairy so light and neat (flap arms and move around room) Three is a mouse that curls up small (crouch down) Four is a great big bouncing ball (jump/bounce around room)

Patterns

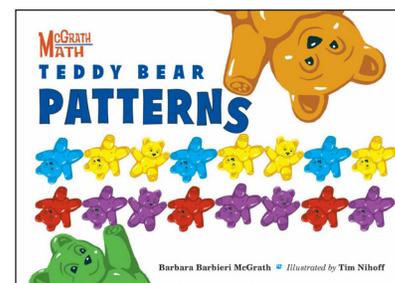


Lots and Lots of Zebra Stripes: Patterns in Nature

by Stephen Swinburne

In a gorgeous photo essay, simple, straightforward text introduces patterns, focusing on their varied forms and their prevalence in nature, and looking at patterns in oceans, ponds, spider webs, snakeskins, fruits, and rocks.

- Help your child recognize patterns that you see inside and outside of your home and in nature. Change the pitch of your voice as you say each item in the pattern to help your child tune into the pattern words. ("You lined up the blocks: a blue block; then red block, blue block, red block, blue block and red block)
- Using snack foods, (such as, Teddy Grahams, Goldfish) create a pattern alternating between each food item (pattern of goldfish, goldfish, teddy graham, gold fish, gold fish)



Teddy Bear Patterns

by Barbara McGrath

Uses rhyming verse to explain the concepts illustrated by the colorful teddies.

This simple text helps children to follow along as the teddy bears sort by color, and arrange into patterns of two colors, three colors, and so on. Readers will also discover how they can use patterns to skip count, add, and even multiply, before trying their hand at creating a pattern of their own.

- Play the game "Head-Shoulder-Knees and Toes" to show a pattern, and watch your child begin to anticipate what action will come next in the song.
- Using colored bear, create a pattern for your child to duplicate.