A counting book showing the changing seasons over a twelve month period.

A barn cat notices groups of countable animals from 1 through 10 while searching for something special.

Bear wanders through familiar settings, discovering different shapes along the way.

Presents numbers from 10 to 20 using illustrations of three bear families.

Illustrates visual patterns and sequences as a young girl lines up a set of toy cars in different arrangements.

Benny sets off with five shiny new pennies to spend and buys something for each member of his family.

A variety of bugs compare and order their relative sizes while going on parade.

Tells time to the hour as the bats dance around the clock.

Brown Rabbit finds a box of balloons and creates various solid shapes.

Two children count different sets of 1 to 5 bugs.

A bunny family shows their daily routine, telling time to the hour.

A child sorts different buttons in her grandmother's button box.

A pig gives directions for baking a cake including number words through 20, and discovers that good food is much better when shared.

Uses tools to compare, order, and measure capacity.

Backward counting from 10 to 1 as Ayoka follows her goat through the market.

A child, her mother, and her grandmother save dimes to buy a new chair.

Groups and counts coins through rhyming text and clear, colorful photographs.

Counting animals from 1 through 20, then by tens to 50.

On a trip to Maine, a family counts from one baby to twenty fireflies.

Reinforces the days of the week and counting skills through this story of friendship.

A child describes dishes of dim sum, showing solid shapes in the real world.

Penny learns about currency when she sets up a lemonade stand in her yard.

Focuses on building sets with 12 by making sure everyone has an equal amount of Ma's wonderful cookies.

Counting a variety of illustrations through 50.

Food is cut into halves, quarters, and thirds to illustrate how parts make a whole.
A little girl goes through the day counting her animal friends from 1 to 10.

Numbers from 1 through 10 are used to tell how members of a family shop and work together to prepare a meal.

Best friends show the concepts of alike and different when they are placed in different classes at school.

Shows the daily routine of five little kittens through rhyme.

A young girl sorts by color, size, kind, and own rule as she describes the three humans and two cats that live in her house.

Examples of different sizes, capacities, and weights can be found in this story of a girl and her father buying flowers to plant in a window box for her mother.

Miss Prime and her animal students explore fractions by finding many examples in the world around.

Give Me Half! Murphy, Stuart J. HarperTrophy, 1996.
A young boy and his sister learn the concepts of part and whole as they divide a pizza.

Gray Rabbit tidies up his room and sorts his belongings by kind, shape, and color.

Attracted by a sale at the pet store, a boy tries to decide which animal to buy with his money.

A grouchy ladybug, challenges everyone she meets regardless of their size.

Numbers through 100 are shown in numeral form and in American Sign Language.

Count the feet as a family of five tumble in and out of bed on a Sunday morning.

Gives children an opportunity to count objects to 20 and higher as a young child takes a walk.

A young girl and her family count from 1 to 10 as they go on a chicken-buying spree at the general store.

Introduces the concepts of addition and subtraction of 1 and 2 through colorful illustrations.

This fun and silly counting book covers number 1 through 10.

Counting a variety of insects from 1 to 26.

Introduces capacity through the story of a young boy and his new shoes.


James goes out into the rain to play rainy day games with different numbers of animals from 1 to 10.

A great big elephant and a tiny little mouse compare weights when they try to play on the seesaw together.

A kangaroo discovers advantages and disadvantages to taking a longer and a shorter time to complete different tasks.

Compares, orders, and measures length through simple, colorful photographs.

These photographs show counting objects from 1 to 15, then from 20 to 50 in tens, ending with 100.
While walking to an amusement park, Jesse Bear counts from 1 to 20.
Shows ways to measure as Sam lines up toys from his room all the way to his mother in the kitchen.
Little Rabbit helps explain grouping like objects, more and less, counting, and matching.
Presents the adding and subtracting of a variety of bugs.
A little girl uses sorting and classifying skills to tackle the huge mess in her room.
Photographs illustrate groupings of objects in larger and smaller numbers.
Children learn to subtract 1 with these 6 funny monsters.
Shows times of day as animals perform their daily routines.
Shows number words 1 through 26 as a woman makes room for more and more cats in her home.
Mrs. Sato and a child count eggs to 6 on different days of the week.
A young boy discovers how many items he can put into his new backpack.
A group of bears engaged in a variety of activities introduce the numbers 1 through 12.
A little mouse counts from 1 to 12 as she goes up the stairs.
Increasingly larger groups of animals through 10 try to help a duck that is stuck in the marsh.
Counting down from 12 to 0, learn about some of the fish found on the Great Barrier Reef.
Counting from 1 to 10 groups of sea creatures made out of fruits and vegetables.
Counting different creatures from 1 through 20 while hunting for a hidden cat.
A young frog compares length and size as he comes across various obstacles through a garden.
A young girl notices different things are outside her window and inside her house.
Counting from 1 to 10 groups of African animals through rhyming text.
A Pair of Socks. Murphy, Stuart J. Scholastic, 1996.
Introduces pattern recognition as a sock searches the house for its lost mate.
Describes various patterns depicted by different fish.
Illustrates patterns of position, size, color, and growing patterns.
This rhyming text compares and orders the sizes of different animals.
Shows times of day and time to the hour as Mr. McDuffel returns home to find that the barnyard animals have taken over and created chaos.
Seven ducklings take a rhyming look at addition.
Math and Literature Bibliography

Rabbit and Hare learn an important lesson about fractions and sharing.

Uses position words and repeating patterns to describe Rosie's walk around the farmyard.

**Seaweed Soup.** Murphy, Stuart J. HarperTrophy, 2001.
Turtle must make up sets of dishes as he continues to ask more friends to join him for lunch.

**Seven Blind Mice.** Young, Ed. Scholastic, 1992.
Count seven blind mice as they discover different parts of an elephant and argue about its appearance.

Shows how plane shapes can be seen in many real world objects.

Presents different objects as examples of various shapes.

**Shapes, Shapes, Shapes.** Hoban, Tana. Greenwillow, 1996.
Photographs of familiar objects present a study of rounded and angular shapes.

A young dancer dances her way among geometric shapes.

**Slower Than a Snail.** Schreiber, Anne. Scholastic, 1995.
A brother and sister compare speed, sizes, and weight while running a race.

Follow a family through the twelve months of a year with this rhyming story.

Explore sorting by color, size, shape, and kind to make sets.

Shows concepts of addition and subtraction through a little girl's question "How many are in my pond?"

Familiarizes children with groups of countable objects, then introduces addition and subtraction.

Count animals 1 through 21 as they arrive at Wiggly Pig's birthday party.

A counting book that shows building sets with ten black dots.

Count backwards as one animal after another eats an apple from the farmer’s tree.

Demonstrates top, middle, and bottom as Hare makes a deal with the bear down the road.

A young boy discovers and counts groups of animals to 5 as he searches for a tree.

**Twenty is Too Many.** Duke, Kate. Dutton, 2000.
A tale of twenty guinea pigs illustrates the process of subtraction as their numbers dwindle.

**Two of Everything.** Hong, Lily Toy. Albert Whitman, 1993.
A Chinese farmer finds a magic pot that doubles whatever is placed inside it.

Follow a hungry little caterpillar through the days of the week as he eats his way through a variety of food.

Compares sizes of Giant Baby Bear and the Very Small.

Counting from 1 through 22 with Wooly the sheep.

A variety of animals introduce the numbers 1 through 10.

Illustrates shapes in the real world as two children look at shadows and try to guess their shape.