

Math and Literature Bibliography

Anno's Counting Book. Anno, Mitsumasa. HarperTrophy, 1986.

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

Barn Cat: A Counting Book. Saul, Carol P., and Mary Azarian. Little Brown, 1998.

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

Bear in a Square. Blackstone, Stella. Barefoot Books, 1998.

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

Bears at the Beach: Counting 10 to 20. Yektai, Niki. Millbrook Press, 1996.

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

Beep-Beep, Vroom Vroom! Murphy, Stuart J. HarperTrophy, 2000.

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

Benny's Pennies. Brisson, Pat. Random House, 1995.

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

The Best Bug Parade. Murphy, Stuart J. HarperCollins, 1996.

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

Bats Around the Clock. Appelt, Kathi. HarperCollins, 2000.

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

Brown Rabbit's Shape Book. Baker, Alan. Larousse Kingfisher Cambers, 1999.

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

Bugs! McKissack, Patricia & Frederick. Children's Press, 2000.

Two children count different sets of 1 to 5 bugs.

Bunny Day: Telling Time from Breakfast to Bedtime.

Walton, Rick. HarperCollins, 2002.

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

The Button Box. Reid, Margarette S. Dutton, 1990.

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

A Cake All for Me! Beil, Karen Magnuson. Scholastic, 1998.

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

Capacity. Pluckrose, Henry. Children's Press, 1995.

Uses tools to compare, order, and measure capacity.

Catch That Goat! Alakija, Polly. Barefoot Books, 2002.

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

A Chair for My Mother. Williams, Vera B. Greenwillow, 1992.

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

The Coin Counting Book. Williams, Rozanne Lanczak. Charlesbridge Publishing, 2001.

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

Count! Fleming, Denise. Henry Holt, 1995.

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

Counting Our Way to Maine. Smith, Maggie. Orchard Books, 1995.

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

Dear Daisy, Get Well Soon. Smith, Maggie. Crown Publishers, 2000.

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

Dim Sum For Everyone. Lin, Grace. Alfred A. Knopf, 2001.

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

A Dollar for Penny. Glass, Julie. Random House, 2000.

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

The Doorbell Rang. Hutchins, Pat. Greenwillow, 1986.

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

Each Orange Had 8 Slices: A Counting Book. Giganti, Paul, Jr. William Morrow, 1999.

Counting a variety of illustrations through 50.

Eating Fractions. McMillan, Bruce. Scholastic, 1991.

Food is cut into halves, quarters, and thirds to illustrate how parts make a whole.

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Every Buddy Counts. Murphy, Stuart J. HarperCollins, 1997.

A little girl goes through the day counting her animal friends from 1 to 10.

Feast for Ten. Falwell, Cathryn. Clarion Books, 1993.

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

The First Day of School. Johnston, Tony. Scholastic, 1997.

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

Five Little Kittens. Jewell, Nancy. Clarion Books, 1999.

Shows the daily routine of five little kittens through rhyme.

Five Creatures. Jenkins, Emily. Farrar, Straus, & Giroux, 2001.

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.

Flower Garden. Bunting, Eve. Harcourt Brace, 1999.

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.

Fraction Action. Leedy, Loreen. Scott Foresman, 1996.

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's Odd One Out. Baker, Alan. Kingfisher, 1995.

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

The Great Pet Sale. Inkpen, Mick. Orchard Books, 1998.

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

The Grouchy Ladybug. Carle, Eric. HarperCollins, 1996.

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

The Handmade Counting Book. Rankin, Laura. Dial Books, 1998.

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

How Many Feet in the Bed? Hamm, Diane Johnston. Aladdin Paperbacks, 1994.

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

How Many Snails? Giganti, Paul, Jr. Scholastic, 1998.

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

I Bought a Baby Chicken. Halls, Kelly Milner. Boyds Mills Press, 2000.

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

I Can Add Up. Gibson, Ray. Usborne Publishing, 1998.

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

I Knew Two Who Said Moo: A Counting and Rhyming Book. Barrett, Judi. Atheneum Books for Young Readers, 2000.

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

The Icky Bug Counting Book. Pallotta, Jerry. Charlesbridge, 1992.

Counting a variety of insects from 1 to 26.

If the Shoe Fits. Soto, Gary. Putnam, 2002.

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

In the Yard. Meachen Rau, Dana. Compass Point Books, 2002.

As the seasons change, a family shares both fun and chores in their yard. James and the Rain. Kuskin, Karla. Simon & Schuster, 1995.

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

Just a Little Bit. Tompert, Ann. Houghton Mifflin, 1993.

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

Just a Minute! Harper, Anita. Putnam, 1987.

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

Length. Pluckrose, Henry. Children's Press, 1995.

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

Let's Count. Hoban, Tana. Greenwillow, 1999.

These photographs show counting objects from 1 to 15, then from 20 to 50 in tens, ending with 100.

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Let's Count It Out, Jesse Bear. Carlstrom, Nancy White. Simon & Schuster, 1996.

While walking to an amusement park, Jesse Bear counts from 1 to 20.

The Line Up Book. Russo, Marisabina. Greenwillow, 1986. Shows ways to measure as Sam lines up toys from his room all the way to his mother in the kitchen.

Little Rabbits' First Number Book. Baker, Alan. Kingfisher, 1998.

Little Rabbit helps explain grouping like objects, more and less, counting, and matching.

More Bugs? Less Bugs? Curry, Don L. Capstone, 2000. Presents the adding and subtracting of a variety of bugs.

More or Less a Mess. Keenan, Sheila. Scholastic, 1997. A little girl uses sorting and classifying skills to tackle the huge mess in her room.

More, Fewer, Less. Hoban, Tana. Greenwillow, 1998. Photographs illustrate groupings of objects in larger and smaller numbers.

Monster Musical Chairs. Murphy, Stuart J. HarperTrophy, 2000. Children learn to subtract 1 with these 6 funny monsters.

Morning, Noon, and Night. George, Jean Craighead. HarperCollins, 1998. Shows times of day as animals perform their daily routines.

Mrs. McTats and Her Houseful of Cats. Capucilli, Alyssa Satin. M.K. McElderry Books, 2001. Shows number words 1 through 26 as a woman makes room for more and more cats in her home.

Mrs. Sato's Hens. Min, Laura. GoodYearBooks, 1994. Mrs. Sato and a child count eggs to 6 on different days of the week.

My Backpack. Bunting, Eve. Boyds Mills Press, 1997. A young boy discovers how many items he can put into his new backpack.

Numbears: A Counting Book. Hague, Kathleen. Henry Holt, 1999. A group of bears engaged in a variety of activities introduce the numbers 1 through 12.

On the Stairs. Larios, Julie Hofstrand. Front Street, 1999. A little mouse counts from 1 to 12 as she goes up the stairs.

One Duck Stuck. Root, Phyllis. Candlewick Press, 1998. Increasingly larger groups of animals through 10 try to help a duck that is stuck in the marsh.

One Less Fish. Toft, Kim Michelle. Charlesbridge, 1998. Counting down from 12 to 0, learn about some of the fish found on the Great Barrier Reef.

One Lonely Sea Horse. Freymann, Saxton. Arthur A. Levine Books, 2000. Counting from 1 to 10 groups of sea creatures made out of fruits and vegetables.

One Moose, Twenty Mice. Beaton, Clare. Barefoot Books, 1999. Counting different creatures from 1 through 20 while hunting for a hidden cat.

One, Two, Three Jump! Lively, Penelope. M.K. McElderry Books, 1999. A young frog compares length and size as he comes across various obstacles through a garden.

Outside Inside. Crimi, Carolyn. Simon & Schuster, 1995. A young girl notices different things are outside her window and inside her house.

Over in the Grasslands. Wilson, Anna. Little Brown, 2000. 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.

Pattern Fish. Harris, Trudy. Millbrook Press, 2000. Describes various patterns depicted by different fish.

Patterns: What Comes Next? Koomen, Michele. Bridgestone Books, 2001. Illustrates patterns of position, size, color, and growing patterns.

A Pig Is Big. Florian, Douglas. Greenwillow, 2000. This rhyming text compares and orders the sizes of different animals.

The Pig Is in the Pantry, the Cat Is on the Shelf. Mozelle, Shirley. Clarion Books, 2000. 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.

Quack and Count. Baker, Keith. Harcourt Brace, 1999. Seven ducklings take a rhyming look at addition.

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Rabbit and Hare Divide an Apple. Ziefert, Harriet. Viking, 1998.

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

Rosie's Walk. Hutchins, Pat. Simon & Schuster, 1968. 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.

The Shape of Things. Dodds, Dayle Ann. Candlewick Press, 1996. Shows how plane shapes can be seen in many real world objects.

Shapes. Granowsky, Alvin. Copper Beech Books, 2001. 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.

Shape Space. Falwell, Cathryn. Clarion Books, 1992. 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.

Snowy Flowy Blowy: A Twelve Months Rhyme. Tafuri, Nancy. Scholastic, 1999. Follow a family through the twelve months of a year with this rhyming story.

Sorting and Sets. Pluckrose, Henry. Gareth Stevens Publishing, 2001. Explore sorting by color, size, shape, and kind to make sets.

Splash! Jonas, Ann. Mulberry Books, 1997. Shows concepts of addition and subtraction through a little girl's question "How many are in my pond?"

Starting Off with Addition and Subtraction. Patilla, Peter. Barrons Juveniles, 2001. Familiarizes children with groups of countable objects, then introduces addition and subtraction.

Stephen Cartwright 1 2 3. Cartwright, Stephen. Usborne Publishing, 1992. Count animals 1 through 21 as they arrive at Wiggly Pig's birthday party.

Ten Black Dots. Crews, Donald. Mulberry Books, 1994. A counting book that shows building sets with ten black dots.

Ten Red Apples. Hutchins, Pat. Greenwillow, 2000. Count backwards as one animal after another eats an apple from the farmer's tree.

Tops & Bottoms. Stevens, Janet. Harcourt Brace, 1995. Demonstrates top, middle, and bottom as Hare makes a deal with the bear down the road.

A Tree for Me. Van Laan, Nancy. Dragonfly Books, 2002. 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.

The Very Hungry Caterpillar. Carle, Eric. Putnam, 1994. Follow a hungry little caterpillar through the days of the week as he eats his way through a variety of food.

The Very Small. Dunbar, Joyce. Harcourt, 2000. Compares sizes of Giant Baby Bear and the Very Small.

When Sheep Cannot Sleep: The Counting Book. Kitamura, Satoshi. Farrar, Straus, & Giroux, 1986. Counting from 1 through 22 with Woolly the sheep.

Who's Counting? Tafuri, Nancy. Mulberry Books, 1993. A variety of animals introduce the numbers 1 through 10.

You'll Never Guess! Dunbar, Fiona. Dial Books for Young Readers, 1991. Illustrates shapes in the real world as two children look at shadows and try to guess their shape.