

Math and Literature Bibliography October 2008

Sorted by Call Number / Author

332.024 S



Schwartz, David M. If you made a million. 1st ed. New York : Lothrop, Lee & Shepard Books, c1989.

Describes the various forms which money can take, including coins, paper money, and personal checks, and how it can be used to make purchases, pay off loans, or build interest in the bank.

332.4 M



McMillan, Bruce. Jelly beans for sale. New York : Scholastic, 1996.

Shows how different combinations of pennies, nickels, dimes, and quarters can buy varying amounts of jelly beans. Includes information on how jelly beans are made.

398.2 D



Demi. One grain of rice : a mathematical folktale. New York : Scholastic Press, c1997.

A reward of one grain of rice doubles day by day into millions of grains of rice when a selfish raja is outwitted by a clever village girl.

398.2 H



Hong, Lily Toy. Two of everything. Morton Grove, Ill. : A. Whitman, 1993.

A poor old Chinese farmer finds a magic brass pot that doubles or duplicates whatever is placed inside it, but his efforts to make himself wealthy lead to unexpected complications.

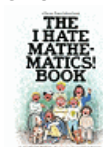
510 A



Atherley, Sara. Math in the bath (and other fun places, too!). 1st ed. New York : Simon & Schuster Books for Young Readers, c1995.

Looks at applications of mathematics in areas of everyday life, such as music, art, recess, and nature.

510 B



Burns, Marilyn, 1941-. The Brown paper school presents : the I hate mathematics! book. 1st ed. Boston : Little, Brown, 1975.

Events, gags, magic tricks, and experiments to change one from a mathematical weakling into a mathematical heavyweight.

510 C

Clemson, Wendy. Rocket to the moon. North American ed., U.S. ed. Milwaukee, WI : Gareth Stevens Pub, 2007.

Describes the mathematical skills used by astronauts in their jobs, with realistic math problems and puzzles that show students the connection between math and everyday life.

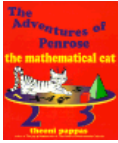
510 L

Lobosco, Michael L. Mental math workout. New York : Sterling Pub. Co., 1998.

Provides some unusual math ideas through a collection of mental exercises and hands-on activities that may be performed using inexpensive, readily-available supplies.



510 P



Pappas, Theoni. The adventures of Penrose : the mathematical cat. San Carlos, CA : Wide World Publishing/Tetra, c1997.

Penrose the cat explores and experiences a variety of mathematical concepts, including infinity, the golden rectangle, and impossible figures.

512 A



Anno, Masaichiro. Anno's mysterious multiplying jar. 1st USA ed. New York, NY : Philomel Books, 1983.

Simple text and pictures introduce the mathematical concept of factorials.

512 A

Anno, Mitsumasa. Anno's math games II. Philomel Books, c1989.

512 A

Anno, Mitsumasa, 1926-. Anno's math games. New York : Philomel Books, 1987.

Picture puzzles, games, and simple activities introduce the mathematical concepts of multiplication, sequence and ordinal numbering, measurement, and direction.

512.2 L



Leedy, Loreen. 2 x 2 = boo! : a set of spooky multiplication stories. 1st ed. New York : Holiday House, c1995.

Spooky characters, including witches, ghosts, and bats, introduce the multiplication facts from zero through five.

513 F



Fisher, Valorie. How high can a dinosaur count? : and other math mysteries. 1st ed. New York : Schwartz & Wade Books, c2006.

Presents fifteen story problems with wacky elements such as flapjack-flipping frogs, a daisy-chomping dragon, and a laundromat whose washing machines mix frappes.

513.2 A

Adler, David A. Easy math puzzles. 1st ed. New York : Holiday House, c1997.

A collection of mathematical riddles involving people, animals, coins, or food.

513.2 A

Adler, David A. Fraction fun. New York : Holiday House, c1996.

A basic introduction to the concept of fractions.

513.2 L



Leedy, Loreen. Fraction action. New York : Holiday House, c1994.

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

513.2 L

Leedy, Loreen. Mission : addition. 1st. ed. New York : Holiday



House, c1997.

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

513.2 L



Leedy, Loren. Subtraction action. 1st ed. New York : Holiday House, c2000.

Introduces subtraction through the activities of animal students at a school fair; includes problems for the reader to solve.

513.2 M



McGrath, Barbara Barbieri, 1954-. More M&M's brand chocolate candies math. Watertown, MA : Charlesbridge, c1998.

Rhyming text and illustrations use candy to teach mathematical skills and concepts such as estimation, graph interpretation, division, multiplication, factoring, and problem solving.

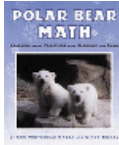
513.2 M



Merriam, Eve, 1916-. 12 ways to get to 11. 1st Aladdin Paperbacks ed. New York : Aladdin Paperbacks, 1996.

Uses ordinary experiences to present twelve combinations of numbers that add up to eleven.

513.2 N



Nagda, Ann Whitehead, 1945-. Polar bear math : learning about fractions from Klondike and Snow. 1st ed. New York : H. Holt and Co., 2004.

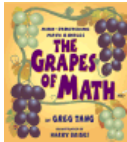
Uses charts and recipes for bear milk prepared for two baby polar bears born in a zoo to teach about fractions.

513.2 P

Pallotta, Jerry. The Hershey's milk chocolate bar fractions book. New York : Scholastic, c1999.

Teaches children how to do fractions by using sections of Hershey bars as examples.

513.2 T



Tang, Greg. The grapes of math : mind stretching math riddles. 1st ed. New York : Scholastic Press, 2001.

Illustrated riddles introduce strategies for solving a variety of math problems by using visual clues.

513.2 W



Wells, Rosemary. Adding it up : based on Timothy goes to school and other stories. [New York] : Puffin Books, 2001.

Timothy and his classmates learn to add and subtract, count from one to twenty, and recognize shapes and patterns. Includes activities.

513.2 W



Williams, Rozanne Lanczak. The coin counting book. Watertown, MA : Charlesbridge, c2001.

A counting book using everyday coins to depict counting as well as simple math concepts.

513.5 C

Clement, Rod. Counting on Frank. Milwaukee : G. Stevens



Children's Books, 1991.
A boy and his dog present amusing counting, size comparison, and mathematical facts.

513.5 G



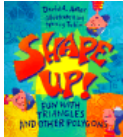
Giganti, Paul. Each orange had 8 slices : a counting book. 1st ed. New York : Greenwillow Books, c1992.
An illustrated introduction to counting and simple addition.

513.5 W



Wells, Robert E. Can you count to a googol? Morton Grove, Ill. : A. Whitman, 2000.
Introduces the concepts of very large numbers, up to a googol, and multiples of ten.

516 A



Adler, David A. Shape up! : fun with triangles and other polygons. 1st ed. New York : Holiday House, c1998.
Uses cheese slices, pretzel sticks, a slice of bread, graph paper, a pencil, and more to introduce various polygons, flat shapes with varying numbers of straight sides.

516 N



Neuschwander, Cindy. Sir Cumference and the first round table : a math adventure. Watertown, Mass. : Charlesbridge, c1997.
Assisted by his knight, Sir Cumference, and using ideas offered by his wife and son, King Arthur finds the perfect shape for his table.

516 N



Neuschwander, Cindy. Sir Cumference and the Isle of Immeter : a math adventure. Watertown, MA : Charlesbridge, c2006.
Young Per and her cousin Radius set out to unlock the secret of Immeter before the sea serpent finds them.

599.786 P



Fromental, Jean-Luc. 365 penguins. New York : Abrams Books for Young Readers, 2006.
When a box containing a penguin arrives anonymously on New Year's Day, a family of four is puzzled, and as they continue to receive one penguin a day throughout the year, their problems--and food budget, and storage issues--multiply.

967 F

Feelings, Muriel L. Moja means one; : Swahili counting book. New York, : Dial Press, [1971].
The numbers one through ten in Swahili accompany two-page illustrations of various aspects of East African life.

E CREWS



Crews, Donald. Ten black dots. 1st ed. New York : Greenwillow Books, c1986.
A counting book which shows what can be done with ten black dots--one can make a sun, two a fox's eyes, or eight the wheels of a train.

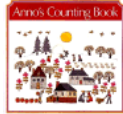
E AKER

Aker, Suzanne. What comes in 2's, 3's, & 4's? New York : Simon and Schuster Books for Young Readers, c1990.



Introduces the numbers two, three, and four by enumerating the ways in which they occur in everyday life, from your two eyes and two arms to the four seasons of the year.

E ANNO



Anno, Mitsumasa, 1926-. Anno's Counting book. New York : Crowell, 1977, c1975.

A counting book depicting the growth in a village and surrounding countryside during twelve months.

E AXELROD



Axelrod, Amy. Pigs at odds : fun with math and games. 1st ed. New York : Simon & Schuster Books for Young Readers, c2000.

While trying their luck at various games at the county fair, members of the Pig family find out what the odds are that they will go home as winners, in a story that offers an explanation of odds and probability.

E AXELROD



Axelrod, Amy. Pigs go to market : fun with math and shopping. 1st ed. New York : Simon & Schuster Books for Young Readers, c1997.

Concepts of price and quantity enter the picture when Mrs. Pig wins a five-minute shopping spree at the supermarket.

E AXELROD



Axelrod, Amy. Pigs in the pantry : fun with math and cooking. 1st ed. New York, N.Y. : Simon & Schuster Books for Young Readers, c1997.

Mr. Pig and the piglets try to cook Mrs. Pig's favorite dish to cheer her up when she's sick. Includes a recipe for chili.

E AXELROD



Axelrod, Amy. Pigs on the ball : fun with math and sports. 1st ed. New York : Simon & Schuster Books for Young Readers, c1998.

The Pig family visits a miniature golf course and learns about shapes, angles, and geometry.

E AXELROD



Axelrod, Amy. Pigs will be pigs. New York : Four Winds Press ;, c1994.

The hungry Pig family learns about money and buying power as they turn the house upside down looking for enough money to buy dinner at the local restaurant.

E BANG



Bang, Molly. Ten, nine, eight. 1st ed. New York : Greenwillow Books, c1983.

Numbers from ten to one are part of this lullaby which observes the room of a little girl going to bed.

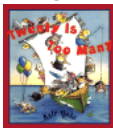
E BARRETT



Barrett, Judi. I knew two who said moo : a counting and rhyming book. New York : Atheneum Books for Young Readers, 2000.

Rhyming lines feature the numbers from one to ten.

- E BRISSON
Brisson, Pat. Benny's pennies. 1st ed. New York : Doubleday, 1992.
Benny sets off in the morning with five shiny new pennies to spend and eventually buys something for his mother, brother, sister, dog, and cat.
- E BURNS
Burns, Marilyn, 1941-. The greedy triangle. New York : Scholastic, c1994.
Dissatisfied with its shape, a triangle keeps asking the local shapeshifter to add more lines and angles until it doesn't know which side is up.
- E BURNS
Burns, Marilyn, 1941-. Spaghetti and meatballs for all! : a mathematical story. New York : Scholastic, c1997.
The seating for a family reunion gets complicated as people rearrange the tables and chairs to seat additional guests.
- E CAPUCILLI
Capucilli, Alyssa. Mrs. McTats and her houseful of cats. 1st ed. New York : M.K. McElderry Books, c2001.
A woman with a single cat named Abner makes room for twenty-four more cats and a puppy she names Zoom.
- E CHRISTELOW
Christelow, Eileen. Five little monkeys jumping on the bed. New York : Clarion Books, c1989.
It's bedtime at the monkey house, yet the five rambunctious little monkeys keep jumping on their bed until, one by one, each falls off and has to visit the doctor.
- E CRONIN
Cronin, Doreen. Click, clack, splish, splash : a counting adventure. 1st ed. New York : Atheneum Books for Young Readers, c2006.
While Farmer Brown sleeps, some of the animals who live on the farm go on a fishing expedition.
- E DUKE
Duke, Kate. Twenty is too many. 1st ed. New York : Dutton Children's Books, 2000.
A tale of twenty adventurous guinea pigs on sea and land illustrates the process of subtraction as their numbers dwindle.
- E EHLERT
Ehlert, Lois. Fish eyes : a book you can count on. 1st Red Wagon Books ed. San Diego : Harcourt, 2001.
A counting book depicting the colorful fish a child might see if he turned into a fish himself.
- E ERNST
Ernst, Lisa Campbell. Sam Johnson and the blue ribbon quilt. New York : Lothrop, Lee & Shepard Books, c1983.
While mending the awning over the pig pen, Sam discovers that he enjoys sewing the various patches together but meets with scorn and ridicule when he asks his wife if he could join her quilting club.
- E FLEMING
Fleming, Denise, 1950-. Count! New York : H. Holt, 1992.
The antics of lively and colorful animals present the numbers one to ten, twenty, thirty, forty, and fifty.





E HOBAN



Hoban, Tana. 26 letters and 99 cents. 1st Mulberry ed. New York : Mulberry Books, 1995, c1987.
Color photographs of letters, numbers, coins, and common objects introduce the alphabet, coinage, and the counting system.

E HOBAN



Hoban, Tana. Cubes, cones, cylinders, & spheres. New York : Greenwillow Books, 2000.
Photographs of all kinds of familiar objects depict a variety of shapes, including cubes, cones, and spheres.

E HOBAN

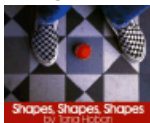


Hoban, Tana. More, fewer, less. 1st ed. New York : Greenwillow Books, c1998.
Photographs illustrate groupings of objects in larger and smaller numbers.

E HOBAN

Hoban, Tana. More than one. 1st ed. New York : Greenwillow Books, 1981.
Photographs illustrate words that suggest more than one of an object, animal, or person, such as stack, bundle, batch, and heap.

E HOBAN



Hoban, Tana. Shapes, shapes, shapes. 1st ed. New York : Greenwillow Books, c1986.
Photographs of familiar objects such as chair, barrettes, and manhole cover present a study of rounded and angular shapes.

E HOBAN



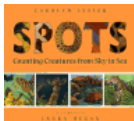
Hoban, Tana. So many circles, so many squares. 1st ed. New York : Greenwillow Books, c1998.
The geometric concepts of circles and squares are shown in photographs of wheels, signs, pots, and other familiar objects.

E HULME



Hulme, Joy N. Sea squares. 1st Hyperion Paperback ed. New York : Hyperion Paperbacks for Children, 1993, c1991.
Rhyming text and illustrations of such sea animals as whale, gulls, clown fish, and seal provide opportunities to practice counting and squaring numbers from one to ten.

E LESSER



Lesser, Carolyn. Spots : counting creatures from sky to sea. 1st ed. San Diego, Calif.: Harcourt Brace, c1999.
Spotted animals from around the world, including a leopard ray, ringed seals, reticulated giraffes, and tundra butterflies, introduce the numbers from one to ten.

E LEWIN



Lewin, Betsy. Cat count. 1st Henry Holt ed. New York : H. Holt, 2003, c1981.
A child adds up the cats owned by ten different people and discovers that it is a lot of cats.

E LOSI



Losi, Carol A. The 512 ants on Sullivan Street. New York : Scholastic, 1997.

In this rhyming, cumulative story, the number of ants doubles each time they take a new treat from a picnic lunch.

E MARTIN



Martin, Bill, 1916-. Chicka chicka 1, 2, 3. 1st ed. New York : Simon & Schuster Books for Young Readers, c2004. Numbers from one to one hundred climb to the top of an apple tree in this rhyming chant.

E MCMILAN



McMillan, Bruce. Eating fractions. New York : Scholastic, c1991.

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

E MURPHY



Murphy, Stuart J., 1942-. Just enough carrots. 1st ed. New York : HarperCollins Publishers, c1997.

While a bunny and his mother shop in a grocery store for lunch guests, the reader may count and compare the amounts of carrots, peanuts, and worms in the grocery carts of other shoppers.

E MURPHY



Murphy, Stuart J., 1942-. Monster musical chairs. New York : HarperCollins Publishers, 2000.

As six monsters play a wild game of musical chairs, readers learn to subtract-one chair at a time.

E MURPHY



Murphy, Stuart J., 1942-. A pair of socks. 1st ed. New York : HarperCollins Publishers, c1996.

Introduces pattern recognition as a sock searches the house for its lost mate.

E NEUSCHWANDER

Neuschwander, Cindy. Amanda Bean's amazing dream : a mathematical story. 1st ed. New York : Scholastic Press, 1998.

Amanda loves to count everything, but not until she has an amazing dream does she finally realize that being able to multiply will help her count things faster.

E PENNER



Penner, Lucille Recht. Lights out! New York : Kane Press, 2000.

Hoping to be the last person awake, a young girl keeps count as one person after another turns out a light in the apartment building across from hers.

E PINCZES



Pinczes, Elinor J. Arctic fives arrive. Boston : Houghton Mifflin Co., 1996.

A counting book in which animals in groups of five share a hilltop to view the northern lights.

E PINCZES

Pinczes, Elinor J. One hundred hungry ants. Boston : Houghton Mifflin, c1993.



One hundred hungry ants head towards a picnic to get yummys for their tummies. They stop to change their line formation, showing different divisions of one hundred, causing them to lose both time and food in the end.

E PINCZES



Pinczes, Elinor J. A remainder of one. Boston : Houghton Mifflin, c1995.

When the queen of the bugs demands that her army march in even lines, Private Joe divides the marchers into more and more lines so that he will not be left out of the parade.

E REID



Reid, Margarette S. The button box. 1st ed. New York : Dutton Children's Books, c1990.

A child examines the many different buttons in Grandma's button box.

E SCIESZKA



Scieszka, Jon. Math curse. New York, N.Y. : Viking, 1995.

When the teacher tells her class that they can think of almost everything as a math problem, one student acquires a math anxiety which becomes a real curse.

E SERFOZO



Serfozo, Mary. Who wants one? 1st ed. New York : M.K. McElderry Books, c1989.

Rhyming text and illustrations introduce the numbers one through ten.

E SIS

Sis, Peter. Going up! : a color counting book. 1st ed. New York : Greenwillow Books, c1989.

As the elevator moves up from the first floor to the twelfth, various people dressed in different colors get on, all bound for a birthday surprise.

E SIS



Sis, Peter. Waving : a counting book. 1st ed. New York : Greenwillow Books, c1988.

As Mary and her mother walk down the street, they wave and are waved at by consecutively increasing numbers of people.

E STAMPER



Stamper, Judith Bauer. Go, Fractions! New York : Grosset & Dunlap, c2003.

The Fractions team is coached by a math teacher who helps them learn while they play to become "number one" in soccer.

E TOMPERT



Tompert, Ann. Grandfather Tang's story. 1st ed. New York : Crown Publishers, c1990.

Grandfather tells a story about shape-changing fox fairies who try to best each other until a hunter brings danger to both of them.

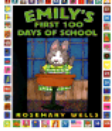
E WELLS

Wells, Rosemary. Bunny money. 1st ed. New York : Dial Books for Young Readers, c1997.



Max and Ruby spend so much on emergencies while shopping for Grandma's birthday presents, that they just barely have enough money left for gifts.

E WELLS



Wells, Rosemary. Emily's first 100 days of school. 1st ed. New York : Hyperion Books for Children, c2000.
Starting with number one for the first day of school, Emily learns the numbers to one hundred in many different ways.

E ZIMELMAN



Zimelman, Nathan. How the second grade got \$8,205.50 to visit the Statue of Liberty. Morton Grove, Ill. : A. Whitman, 1992.
Chronicles the triumphs and setbacks of the second grade as they try a variety of schemes to raise money for a trip to the Statue of Liberty.