

Mathematics Common Core State Standards Recommended Books

Teaching Resources Center, Joyner Library A Selective Annotated Bibliography

Titles in the Teaching Resources Center are cataloged with Dewey call numbers and are preceded by Curric. Please ask someone at the Teaching Resources Service Desk if you need any assistance.

Grade Level	Title Information	Call Number
	EASY	
PreK - 1	Barnett, Mac. <i>Count the Monkeys</i> . New York: Disney Hyperion Books, 2013. (Counting)	E B2646CO
	The reader is invited to count the animals that have frightened the monkeys off the pages.	
PreK - 2	Browne, Anthony. <i>One Gorilla</i> . Somerville, MA: Candlewick Press, 2012. (Counting)	E B816O
	Learn to count with a variety of primatesgorillas, gibbons, mandrills, and others.	
2 - 4	Calvert, Pam. <i>Multiplying Menace Divides! A Math Adventure</i> . Watertown, MA: Charlesbridge, 2011. (Multiplication, Division)	E C1393M
	Prince Peter uses division to outwit a witch named Matilda and	

	Rumpelstiltskin who are threatening to destroy the entire kingdom. Includes math notes about dividing by whole numbers and by fractions.	
PreK - 2	Light, Steve. <i>Have You Seen My Monster?</i> Somerville, MA: Candlewick Press, 2015. (Shapes)	E L6267HAM
	Invites young readers to identify shapes while helping a small girl search the fair for her pet monster.	
K	May, Eleanor. <i>Albert the Muffin-Maker</i> . New York: The Kane Press, 2014. (Ordinal numbers)	E M4515A
	Albert the mouse decides to make a batch of muffins but must borrow more and more ingredients from his friends until his sister, Wanda, helps him learn a lesson about sharing, using the concept of ordinal numbers.	
K - 2	Otoshi, Kathryn. <i>Two</i> . Novato, CA: KO Kids Books, 2014. (Counting, Number concepts)	E OT6T
	TWO's best friend is ONEuntil THREE jumps in between them. A powerful story of friendship, loss, letting go, and self-discovery.	
K - 1	Rockwell, Anne F. <i>100 School Days</i> . New York: HarperCollins Publishers, 2002. (Counting by 10s)	E R593O
	The students in Mrs. Madoff's class keep track of the days they have been in school, marking each interval of ten, until they reach 100 days.	
3 - 5	Scieszka, Jon. Math Curse. New York: Viking, 1995. (Math anxiety)	E SCI279M
	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.	

FICTION

2 - 3	DeGross, Monalisa. <i>Donovan's Double Trouble</i> . New York: Amistad, 2008.	F
		D3654DD

Fourth-grader Donavan is sensitive about the problems he has understanding math, and then when his favorite uncle, a former high school

	basketball star, returns from National Guard duty an amputee, Donavan's problems get even worse as he struggles to accept this "new" Uncle Vic.	
6 - 12	Lichtman, Wendy. <i>Do the Math: Secrets, Lies, and Algebra.</i> New York: Greenwillow Books, 2007.	F L6179D
	Tess has always loved math, and she uses mathematical concepts to help her understand things in her life, so she is dismayed to find out how much math and lifecan change in eighth grade.	
2 - 4	Mills, Claudia. Annika Riz, Math Whiz. New York: Farrar Straus Girroux, 2014.	F M624AN
	Annika hopes to change her best friends' hatred of math by winning a Sudoku contest, but she does not realize how important their lack of mathematical ability is until they make a mistake at the school carnival.	
	NONFICTION	
K - 1	Long, Ethan. <i>The Wing Wing Brothers Math Spectacular!</i> New York: Holiday House, 2012.	372.7 L8509W
	The Wing Wing brothers put on a show that illustrates how to compare numbers, add, and subtract.	
1 - 2	Adamson, Thomas. 2, 4, Skip Count Some More. Mankato, MN: Capstone, 2012. (Other titles by author: Can You Guess What Estimation Is? Give Probability a Chance!)	513.2 AD197T
	Uses simple text and photographs to explain skip counting.	
1 - 2	Allen, Nancy. What's a Fraction? Vero Beach, FL: Rourke, 2012.	513.26 AL542W
	This book teaches concepts related to fractions using food examples.	
K	Atwood, Megan. Balancing Bears: Comparing Numbers. Minneapolis: Magic Wagon, 2012. (Other titles by author: Busy Beavers: Counting by 5s, Piglets Playing: Counting from 11 to 20, Sparrows Singing: Discovering Addition and Subtraction)	512.7 AT96B

	A family of bears and their blueberries demonstrate how numbers can be greater than, less than, or equal to each other, and provide facts about bears.	
3 - 6	Campbell, Sarah. <i>Growing Patterns: Fibonacci Numbers in Nature</i> . Honesdale, PA: Boyds Mill Press, 2010.	512.7 C1536G
	What's the biggest mathematical mystery in nature? Fibonacci numbers! The pattern creeps up in the most unexpected places. It's clear that math holds secrets to nature and that nature holds secret numbers.	
1 - 4	Clements, Andrew. <i>A Million Dots</i> . New York: Simon & Schuster Books for Young Readers, 2006.	513.2 C5916M
	Learn facts about numbers, and see one million dots!	
1 - 2	Jordan, Ashley. <i>Gabriella's Butterfly Garden: Understand and Apply</i> <i>Properties of Operations</i> . New York: PowerKids, 2014.	513.2 J761G
	Readers will apply the properties of operations to add and subtract the interesting critters inside Gabriella's garden.	
1 - 2	Adler, David A. Fraction Fun. Boston: Houghton Mifflin, 1996.	513.26 AD59F
	A basic introduction to the concept of fractions.	
K - 4	Goldstone, Bruce. <i>That's a Possibility! A Book About What Might Happen</i> . New York: Henry Holt, 2013.	519.2 G5789T
	With colorful photographs and interactive examples, Bruce Goldstone introduces children to the ideas of something being possible, probable, or impossible.	
1 - 2	Leedy, Loreen. Measuring Penny. Boston: Houghton Mifflin, 1997.	530.8 L517M
	Lisa learns about the mathematics of measuring by measuring her dog Penny with all sorts of units, including pounds, inches, dog biscuits, and cotton swabs.	
3 - 4	Lin, Yoming. <i>Fahrenheit, Celsius, and Their Temperature Scales</i> . New York: PowerKids, 2012.	536 L6309F
	Describes the scientists behind the two most commonly used temperature	

scales, and explains how their scientific research and innovations are still used today.

PreK - 5	Jenkins, Steve. Actual Size. Boston: Houghton Mifflin, 2004. (Also by author: Prehistoric Actual Size, Just a Second: A Different Way to Look at Time, and Animals by the Numbers: A Book of Infographics)	591.4 J418A
	Discusses and gives examples of the size and weight of various animals and parts of animals.	
PreK - 2	Schaefer, Lola. <i>Lifetime: The Amazing Numbers in Animals Lives</i> . San Francisco, CA: Chronicle Books, 2013.	591.56 SCH134L
	A counting primer that combines contrasting illustrations with animal facts, inviting young children to count a woodpecker's 30 roosting holes, a giraffe's 200 spots, and 1000 baby seahorses.	
2 - 3	Tang, Greg. The Grapes of Math. Boston: Houghton Mifflin, 2009.	793.7 T156G.A
	Illustrated riddles introduce strategies for solving a variety of math problems in using visual clues.	
4 - 6	Lewis, Patrick J. <i>Edgar Allan Poe's Pie: Math Puzzlers in Classic Poems</i> . Boston: Houghton Mifflin Harcourt, 2012.	811 L5871E
	Borrows themes from famous poems and flips them on their head to create humorous verses and riddles in a collection of math-based problem-solving	

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