

Title I Book List

The focus of the Book List this month is on mathematics. Mathematics through literature is an enjoyable way for children to strengthen their math skills from simple counting to statistics and probability.

<u>Title</u>	Grades Pre-K - 2	<u>Author</u>
Telling Time with Big Mama Cat		Dan Harper
A snack at 9:00, a nap at 10:00, sneaking onto the forbidden chair at 11:00--telling time is the only way Big Mama Cat can remember all the important things she has to do. Follow Big Mama Cat from sunrise till day's end, and you can learn to tell time, too! A sturdy fold-out page at the front of the book reveals a clock with movable plastic hands. Young readers can change the time as Big Mama Cat moves from one adventure to the next in her busy day.		
Quack and Count		Keith Baker
Keith Baker's playful, rhyming text and bold collage illustrations capture the excitement of a day's adventure as a family of lively ducklings slip, slide, leap, and dive--grouping themselves in all the different combinations that add up to seven. Addition has never been more fun!		
Counting Kisses		Karen Katz
How many kisses does it take to say goodnight? A fussy baby receives "ten little kisses on teeny tiny toes/nine laughing kisses on busy, wriggly feet/eight squishy kisses on chubby, yummy knees," and so on down to "one last kiss on your sleepy, dreamy head." Each member of the family takes a turn bestowing kisses on the child: mom, dad, grandma, big sister, and even the dog and cat.		
Ten Black Dots		Donald Crews
What can you do with ten black dots?"One dot can make a sun or a moon when day is done. Two dots can make the eyes of a fox..." Count all the way to ten with Donald Crews and delight in the simple rhymes, everyday objects, and stunning graphics of a master of the picture concept book.		
Alexander Who Used to be Rich Last Sunday		Judith Viorst
Although Alexander and his money are quickly parted, he comes to realize all the things that can be done with a dollar.		
How Many, How Many, How Many		Rick Walton
The reader counts from one to twelve while guessing the answers to questions about nursery rhymes, names of the seasons, players on a football team, and other basic information.		
Elevator Magic		Stuart J. Murphy
When the elevator goes down, the subtraction starts and so does the magic. Ben sees crazy things everytime the door opens. Ride along as he subtracts his way down to the lobby, and decide for yourself if it's elevator magic at work.		
One Hundred Hungry Ants		Elinor Pinczes
One hundred hungry ants head towards a picnic to get yummys for their tummies, but stops to change their line formation, showing different divisions of one hundred, cause them to lose both time and food in the end.		
<u>Title</u>	Grades 3-5	<u>Author</u>
Measuring Penny		Loreen Leedy
Lisa has an important homework assignment--to measure something in several different ways. She has to use standard units like inches and nonstandard units like paper clips to find out height, width, length, weight, volume, temperature, and time. Lisa decides to measure her dog, Penny. Lisa learns a lot about her dog and about measuring, and even has fun doing it.		
The Grapes of Math		Greg Tang
Tang, a lifelong lover of math, shares the techniques that have helped him solve problems in the most creative ways. Briggs's vibrant and inviting illustrations create a perfect environment for these innovative games.		
Fraction Fun		David Adler
A basic introduction to the concept of fractions.		

Reviews from: Cambridge Public Library and CPL Minuteman online web site and Parent's Guide to the Best Books for Children

Important Note: Parents, please be sure to closely monitor your child's use of computer websites. Never assume that where they begin is where they will end up!

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The Great Number Rumble: A Story of Math in Surprising Places

Cora Lee & Gillian O'Reilly

When the schools in Jeremy's town ban math, there are loud cheers from the kids. Even his teachers happily toss their textbooks. But Jeremy's best friend Sam, a self-proclaimed mathnik, sets out to prove that math is not only important, but fun.

A Very Improbable Story: A Math Adventure

Edward Einhorn

Ethan wakes up one morning with a talking cat on his head. The cat refuses to budge until Ethan wins a game of probability. Without looking, Ethan must pick out a dime from his coin collection or two matching socks from his dresser, or do something else improbable. A very improbable story about a challenging math concept.

Math Curse

Jon Scieszka

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.

The Best of Times

Greg Tang

Simple rhymes offer hints on how to multiply any number by zero through ten without memorizing the multiplication tables.

Anno's Mysterious Multiplying Jar

Masaichiro Anno & Mitsumasa

The Annos demonstrate the concept of factorials. Inside a mysterious jar, there is some water, which becomes a sea. In that sea, there is an island, and so on until the reader has counted to 3,628,800! Full-color illustrations.

Title

Grades 6-8

Author

The Number Devil: A Mathematical Adventure

Hans Magnus Enzensberger

Annoyed with his math teacher who assigns word problems and won't let him use a calculator, twelve-year-old Robert finds help from the number devil in his dreams.

The Man Who Counted: A Collection of Mathematical Adventures

Malba Tahan

A collection of famous mathematical puzzles, taken from a popular newspaper column, features the "writings" of the fictional author, Malba Tahan, who describes different mathematical puzzles and solutions applied to real situations.

Sir Cumference and the Sword in the Cone

Cindy Neuschwander

King Arthur has issued a challenge--the first knight to find the sword Edgecalibur will be the next king--and Sir Cumference wants to be the one.

The Librarian Who Measured The Earth

Kathryn Lasky

A colorfully illustrated biography of the Greek philosopher and scientist Eratosthenes, who compiled the first geography book and accurately measured the globe's circumference.

What's Your Angle, Pythagoras?

Ellis & Hornung

Young Pythagoras can't seem to stay out of trouble. Every time he tries to help, people get angry. What's a curious kid to do? On a trip to Egypt, Pythagoras's curiosity helps him discover the secret of the right triangle. A clever introduction to the Pythagorean Theorem. Full color.

Eight Hands Round, A Patchwork Alphabet

Ann Whitford Paul

Introduces the letters of the alphabet with names of early American patchwork quilt patterns and explains the origins of the designs by describing the activity or occupation they derive from.

The King's Chessboard

David Birch

A proud king, too vain to admit what he does not know, learns a valuable lesson when he readily grants his wise man a special request.

G is for Googol: A Math Alphabetical Book

David Schwartz

Explains the meaning of mathematical terms which begin with the different letters of the alphabet from abacus, binary, and cubit to zillion.

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