

# FAMILY ADVENTURES WITH MATH & SCIENCE

## *Family Adventures With . . . BOOKS*

### **Books for children:**

Reading is a great way to communicate mathematical concepts to your child. Some books lend themselves more to in-depth and specific math discussion. Below are some suggestions of books to enjoy with your child. Not all the books listed will be available in your area. ***Check with your public library or elementary school library for these and other books.*** If available, most of the books below will be found in the picture book section of the children's library but several excellent books can be found in the nonfiction section under 513.

### **COUNTING**

Anno, Mitsumasa. *Anno's Counting Book.*  
Bang, Molly. *Ten, Nine, Eight.*  
Carle, Eric. *Rooster's Off To See the World.*  
Feelings, Muriel, *Moja Means One: Swahili Counting Book.*  
Grossman, Virginia and Sylvia Long. *Ten Little Rabbits.*  
Howard, Katherine. *I Can Count to 100... Can You?*  
Kitchen, Bert. *Animal Numbers.*  
*Lifesize Animal Counting Book.*  
McMillan, Bruce. *Counting Wildflowers.*  
Nikola-Lisa. W. *One, Two, Three Thanksgiving.*

### **NUMBER**

Aker, Suzanne. *What Comes in 2's, 3's, & 4's?*  
Calmenson, Stephanie. *Dinner at the Panda Palace.*  
Cave, Kathryn. *Out for the Count: A Counting Adventure*  
Clement, Rod. *Counting on Frank.*  
Edens, Cooper. *How Many Bears?*  
Hong, Lily. *Two of Everything.*  
Hutchins, Pat. *The Doorbell Rang.*  
Leedy, Loreen. *2x2 = Boo!*  
Long, Lynette. *Domino Addition.*  
Merriam, Eve. *12 Ways to Get to 11.*  
McMillan, Bruce. *One, Two, One Pair.*  
Nolan, Dennis. *Monster Bubbles.*  
Schwartz, David M. *How Much Is a Million?*  
Schwartz, David M. *If You Made a Million.*

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## SHAPES

Ehlert, Lois. *Color Zoo*.  
Burns, Marilyn. *The Greedy Triangle*.  
Hoban, Tana, *Circles, Triangles, and Squares*.  
Hutchins, Pat. *Changes, Changes*.  
Sharman, Lydia. *The Amazing Book of Shapes*.  
Tomczyk, Mary. *Shapes, Sizes, & More Surprises*.  
Tompert, Ann. *Grandfather Tang's Story*.

## MISCELLANEOUS

Anno, Mitsumasa. *Anno's Math Games*.  
Axelrod, Amy. *Pigs On a Blanket*.  
Lasky, Kathryn. *The Librarian Who Measured The Earth*.  
Marzolli, *I Spy* books  
Myllar, Rolf. *How Big Is A Foot?*  
Reid, Margarette. *The Button Box*.  
Sciczka, Jon and Smith, Lane. *Math Curse*.  
Viorst, Judith. *Alexander Who Used to Be Rich Last Sunday*.

### Internet Sites \*:

- ◆ U.S. Department of Education, Office of Educational Research and Improvement:  
[www.ed.gov/pubs/parents](http://www.ed.gov/pubs/parents)
- ◆ Helping Your Child Learn Math: [www.ed.gov/pubs/parents/Math](http://www.ed.gov/pubs/parents/Math)
- ◆ Figure This! (contains math activities and information that is more appropriate for middle school or older children): [www.figurethis.org/family\\_corner.htm](http://www.figurethis.org/family_corner.htm)
- ◆ Math Parent Handbook: [www.eduplace.com/math/res/parentbk/index.html](http://www.eduplace.com/math/res/parentbk/index.html)
- ◆ 700+ Great Sites: [www.ala.org/parentspage/greatsites/science.html](http://www.ala.org/parentspage/greatsites/science.html)

\* CASMEO has provided some suggested Internet sites that might be useful to parents. However, CASMEO has not participated in the development of the sites listed, does not exert any editorial or other control over the sites' content, and does not endorse any products or services.

Adapted from *Helping Your Child Learn Math*, U.S. Department of Education, June 1999. To obtain a free copy of the entire document, call toll free 1-877-433-7827 or order online at [www.ed.gov/pubs/edpubs.html](http://www.ed.gov/pubs/edpubs.html)  
and

Adapted from *The Wonderful World of Mathematics* by Diane Thiessen, Margaret Matthias, and Jacquelin Smith, National Council of Mathematics, 1998.