Appendix D
Children’s Literature Related to Math Concepts

The following list contains a variety of children’s literature titles. These books create a context for math ideas and support the understanding of math topics.

Following each title, you will note a (P) designating that the book works well with primary (K–2) students or an (I) designating that it works well with intermediate (3–6) students. At times you will note that the book works at both levels (P/I).

Addition
Fish Eyes. Lois Ehlert. Voyager/HBJ, 1990. (P)
1, 2, 3 to the Zoo. Eric Carle. Philomel Books, 1996. (P)
Rooster’s Off to See the World. Eric Carle. Scholastic, 1972. (P/I)

Algebra

Area
Spaghetti and Meatballs for All! Marilyn Burns. Scholastic, 1997. (P/I)

Attributes: Sorting and Classifying

Capacity
What’s Up with That Cup? Sheila Keenan. Scholastic, 2000. (P/I)
Comparing Numbers

Coordinate Grids

Counting: Basic Number Concepts
Bears at the Beach. Niki Yektai. Millbrook, 1996. (P)
Counting Crocodiles. Judy Sierra. Scholastic, 1997. (P)
From One to One Hundred. Teri Sloat. Puffin, 1995. (P/I)
The King’s Commissioners. Aileen Friedman. Scholastic, 1994. (I)
Ten Pigs: An Epic Bath Adventure. Derek Anderson. Scholastic, 2015. (P)
Twenty Big Trucks in the Middle of the Street. Lee Mark. Candlewick Press, 2013. (P)
Two of Everything. Lily Toy Hong. Albert Whitman, 1993. (P/I)
What Comes in 2’s, 3’s and 4’s? Suzanne Aker. Simon & Schuster, 1992. (P)

Counting by Fives

Counting by Twos

Counting by Tens

Counting One Hundred
The 100th Day of School. Angela Shelf Medearis. Scholastic, 1996. (P)

Data Analysis: Graphing

Division
The Doorbell Rang. Pat Hutchins. Scholastic, 1986. (P/I)

Estimation/Rounding

Even/Odd
Even Steven and Odd Todd. Kathryn Cristaldi. Scholastic, 1996. (P/I)

Exponents

Factorials

Fractions

Geometry/Angles and Advanced Concepts

Geometry/Shapes
Mouse Shapes. Ellen Stohl Walsh. HMH Books for Young Readers, 2007. (P)
Sam Johnson and the Blue Ribbon Quilt. Lisa Campbell Ernst. Lothrop, Lee & Shepard Books, 1983. (P/I)
The Shape of Things. Dayle Ann Dodds. Candlewick, 1996. (P/I)

Integers
Positive and Negative Numbers, Oh My! Lisa Arias. Rourke Publishing Group, 2014. (I)

Linear Measurement
Inch by Inch. Leo Lionni. Scholastic, 1960. (P)
Keep Your Distance! Gail Herman. Kane Press, 2001. (P/I)

Measurement: General (also see Capacity, Linear Measurement, Time, Weight)

Money
The Big Buck Adventure. Shelley Gill and Deborah Tobola. Charlesbridge, 2000. (I)
Follow the Money. Loreen Leedy. Scholastic, 2002. (P/I)
If You Made a Million. David M. Schwartz. Scholastic, 1989. (I)

Multiplication
Amanda Bean’s Amazing Dream. Cindy Neuschwander. Scholastic, 1998. (P/I)
Two of Everything. Lily Toy Hong. Albert Whitman, 1993. (P/I)
What Comes in 2’s, 3’s, and 4’s? Suzanne Aker. Simon & Schuster, 1990. (P/I)

Numeration: Large Numbers

Patterns
Counting Crocodiles. Judy Sierra. Scholastic, 1997. (P)

Percents

Perimeter
Spaghetti and Meatballs for All! Marilyn Burns. Scholastic, 1997. (P/I)

Perseverance/Growth Mindset

Place Value

Position Words

Probability
Problem Solving/Reasoning
Spaghetti and Meatballs for All! Marilyn Burns. Scholastic, 1997. (P/I)

Ratio
If You Hopped Like a Frog. David M. Schwartz. Scholastic, 1999. (I)

Subtraction
Up to Ten and Down Again. Lisa Campbell Ernst. HarperTrophy, 1995. (P)

Square Numbers

Symmetry
Time: Days of the Week/Months of the Year

*Chicken Soup with Rice.* Maurice Sendak. Scholastic, 1962. (P)


*Cookie's Week.* Cindy Ward. Scholastic, 1988. (P)


*The Very Hungry Caterpillar.* Eric Carle. Scholastic, 1981. (P)

Time: Telling Time and Elapsed Time


*Play Date.* Rosa Santos. Kane Press, 2001. (P)


Weight/Mass

*Balancing Act.* Ellen Stohl Walsh. Scholastic, 2010. (P)

*Just a Little Bit.* Ann Tompert. HMH Books for Young Readers, 1996. (P)


