



“Math Matters”



A Bibliography of Math-Related Books for the K-8 Professional Collection

- Barber, Jacqueline and others. (2002). *Spark your child's success in math and science*. Berkeley, CA: Great Explorations in Math and Science (GEMS).
Practical advice for parents and teachers regarding the study and teaching of math. (649.5 BAR)
- Burgunder, A. (1996). *Zoolutions: A mathematical expedition with topics for grades 4 through 8*. Lanham, MD: Scarecrow Press.
Describes an interdisciplinary program that uses the library, and the study of animals, as the basis for teaching math and research skills to students in grades four through eight. (372.7 BUR)
- Charlesworth, E. (2001). *225 fantastic facts math word problems*. New York: Scholastic.
Contains amazing facts and quick companion word problems that build skills in multiplication, division, fractions, decimals, percentages, and more.
(510.76 CHA)
- Childs, L., Choate, L., & Brill, P. (1998). *Nimble with numbers: Engaging math experiences to enhance number sense and promote practice*. Parsippany, NJ: Dale Seymour Publications. Presents activities designed to help students in grades four and five practice previously taught number concepts, covering addition and subtraction, place value, multiplication and division, fractions, and money. Includes a selection of generic blackline masters. Also available for Grades 3 and 4.
- Cooney, M. (1996). *Celebrating women in mathematics and science*. Reston, VA: National Council of Teachers of Mathematics.
A collective biography detailing the struggles and triumphs of women in the fields of mathematics and sciences from ancient times to the present. (509.2 COO)
- Geiser, T. F. & Pettit, K. (2002). *20 instant math learning centers kids will love!* New York: Scholastic
Provides reproducible patterns and instructions for setting up twenty math learning centers designed to help children in kindergarten and first grade understand the concepts of addition, subtraction, measurement, money, time, and graphing. (372.7 GEI)

- Haven, K. (1998). *Marvels of math: Fascinating reads and awesome activities*. Englewood, CO: Teacher Ideas Press.
Provides accounts of mathematical discoveries and innovations from the discovery of irrational numbers to computer programming. (510 HAV)
- Haylock, D. & McDougall, D. (2000). *Mathematics every elementary teacher should know*. Toronto: Trifolium Books
This book will help elementary teachers understand mathematics and teach it with more confidence.
- Hechtman, J., Ellermeyer, D., & Grove, S. F. (1998). *Teaching math with favorite picture books*. New York: Scholastic
Provides literature-based activities for teaching math to students in grades one through three, each with activities, reproducible patterns, and recording sheets. (513 HEC)
- Hurst, C. O. & Otis, R. (1997). *Carol Otis Hurst's picturing math pre-kindergarten through second grade*. New York: SRA.
This book for teachers contains a listing of picture books with a wealth of ideas for ways to integrate them with your math curriculum.
- Johnson, A. (1999). *Famous problems and their mathematicians*. Englewood, CO: Teacher Ideas Press.
Contains sixty-one math lessons for middle school students, each with historical facts about the problem, an activity, and teacher notes.
- Kaplan, A. (2001). *Marvelous math writing prompts*. New York: Scholastic.
Contains three hundred writing prompts and reproducible pages designed to encourage kids to write about math. Covers a variety of formats, including letters, journals, and stories. (372.7 KAP)
- Lombardo, M. A. (2002). *Mastering math through magic, grades 2 - 3*. Worthington, OH: Linworth Publishing.
Shows students how to make working with numbers painless and entertaining through dozens of easy-to-perform tricks. Covers addition, subtraction, multiplication, and division. Also available for Grades 4-6 and Grades 6-8. (372.7 LOM)
- Swartz, Elizabeth. (2000). *Teacher tested ideas for math*. Norwalk, CT: Essential Learning Products.
Includes dozens of the best teacher-tested math activities from *Teaching K-8* magazine. (371.3 TEA)