



“Math Matters”



A Bibliography of Math-Related Books for Middle School Students

- Bokhari, N. & O’Shaughnessy, S. (2001). *Piece of pi: Wit-sharpening, brain-bruising, number crunching activities with pi*. San Luis Obispo, CA: Dandy Lion.
Discover the number that has intrigued mathematicians for centuries. Learn the different ways pi has been calculated through the ages, use pi to figure your hat size and perform experiments.
- O’Toole, C. (2003). *Careers in focus: Mathematics and physics*. New York: J.P. Ferguson.
This title in the Careers in Focus Series contains concise career information divided by industry and / or interest. (510.23 CAR)
- Caron, L. (2001). *Addition and subtraction*. Berkeley Heights, NJ: Enslow.
Provides simple explanations with examples of the basic math concepts.
Others in the Math Success series include: *Multiplication and division, Fractions and decimals, Percents and ratios, Pre-Algebra and algebra, and geometry*. (513.2 CAR)
- Cipriano, J. W. (1999). *Arithmetricks*. Pacific Palisades, CA: Goodyear Books.
Includes 85 activities that reinforce mathematics concepts, develop math skills, and build kids' confidence in math. Answers included.
- Fitzgerald, T. (2002). *The Absolutely essential math dictionary: Every kid’s guide to mathematical terms, strategies and tables*. San Luis Obispo, CA: Dandy Lion.
This reference book for students gives concise definitions to the most common mathematical terms along with many examples and illustrations.
- Juster, N. (2001). *The dot and the line: A romance in lower mathematics*. New York: SeaStar Books.
First published in 1963, this fictional work describes the attraction a “sensible straight line” feels for a “frivolous dot.” (F-JUS)
- Pappas, T. (1991). *Math talk: Mathematical ideas in poems for two voices*. San Carlos, CA: Wide World Publishing.
Presents mathematical ideas through poetic dialogues intended to be read by two people.
- Rappaport, J. and Blakemore, S. (1999). *Algebra survival guide: A conversational guide for the thoroughly befuddled*. Santa Fe, NM: Singing Turtle Press.
A friendly and efficient tool for supplementing or reviewing Algebra 1. Cartoons, and crystal-clear explanations help students tackle the trickiest topics of pre-algebra and Algebra I.
- Tang, G. (2003). *Math-terpieces: The art of problem-solving*. New York: Scholastic.
A combination of math and art history. See also, *The best of times* and *Math for all seasons*.
- Yehling, C. (2000). *Discovering careers for your future: Math*. Chicago: Ferguson.
This volume contains twenty career choices in the field of Math including optical engineering, demography, and cosmology. (510.23 DIS)