

# Twaddle-Free Math Resources

## Look in your library:

- 510-519 = mathematics
- 793.74 = logic puzzles

## For the teacher:

- ♦ **Knowing and Teaching Elementary Mathematics** - Liping Ma
- ♦ **Arithmetic for Parents** – Aharoni (sumizdat.org)
- ♦ **Elementary Mathematics for Teachers** – Parker, Baldridge (singaporemath.com)
- ♦ **How To Solve It** – George Polya
- ♦ **Historical Connections in Mathematics** – Luetta & Wilbert Reimer
- ♦ **Famous Problems and Their Mathematicians** – Art Johnson
- ♦ **An Introduction to the History of Mathematics** - Howard Eves

## For preschool & early elementary:

- ♦ **Family Math** series – Stenmark and others
- ♦ **Games for Math** – Peggy Kaye
- ♦ **Count on Your Fingers African Style** – Claudia Zaslavsky
- ♦ **Math by Kids** – Susan Richman (pahomeschoolers.com)
- ♦ **Dear Benjamin Banneker** – Andrea Pinkne
- ♦ **The Librarian Who Measured the Earth** – Kathryn Lasky
- ♦ ...and many more – ask your librarian!

## For upper elementary & middle school:

- ♦ **Family Math** and **Math by Kids** (see above)
- ♦ **The “I Hate Mathematics!” Book** and other books – Marilyn Burns
- ♦ **Math Games and Activities from Around the World** – Claudia Zaslavsky
- ♦ **Mathematicians are People, Too** – Reimer
- ♦ **Sideways Arithmetic from Wayside School** – Louis Sachar
- ♦ **The Adventures of Penrose the Mathematical Cat** – Theoni Pappas
- ♦ **Do You Wanna Bet?** - Jean Cushman
- ♦ **The Amazing Mathematical Amusement Arcade** and other books – Brian Bolt
- ♦ **Challenging Word Problems** levels 2-6 (singaporemath.com)
- ♦ **Carry On, Mr. Bowditch** – Jean Lee Latham
- ♦ **Creative Problem Solving in School Mathematics** and **Math Olympiad Contest Problems** – George Lenchner

## For jr. high, high school, & adults:

- ♦ **The Joy of Mathematics** – Theoni Pappas
- ♦ **The Lady and the Tiger** and other logic puzzle books – Raymond Smullyan
- ♦ **Problem Solving Through Recreational Mathematics** – Averbach & Chein
- ♦ **The Unexpected Hanging** and many, many other books – Martin Gardner
- ♦ **How to Lie with Statistics** – Darrell Huff
- ♦ **Mathematical Universe** and **Journey Through Genius** - William Dunham
- ♦ **Mathematics: The Science of Patterns** - Keith Devlin
- ♦ **Of Men and Numbers** – Jane Muir
- ♦ **Men of Mathematics** – Eric Temple Bell
- ♦ **Precalculus Mathematics in a Nutshell** – George Simmons
- ♦ **Calculus Made Easy** – Thompson & Gardner
- ♦ **Taxicab Geometry** – Eugene Krause
- ♦ **Relativity in Illustrations** – Jacob Schwartz

## Helpful websites:

### More books, all levels:

- ♦ livingmath.net

### Fun math activities:

- ♦ math.rice.edu/~lanius/Lessons
- ♦ mathplayground.com
- ♦ nrich.maths.org/public

### Learning the times table:

- ♦ naturalmath.com/mult/mult1.html
- ♦ gdbdp.com/multiflyer

### Bar diagrams for story problems:

- ♦ thinkingblocks.com/TryIt.html

### Ask a question about any math topic:

- ♦ mathforum.org/dr.math
- ♦ mathgoodies.com/forums
- ♦ artofproblemsolving.com/Forum/index.php
- ♦ sosmath.com/CBB

### Math Counts and other competitions:

- ♦ mathcounts.org
- ♦ artofproblemsolving.com

### Free lessons and information about mathematics:

- ♦ smartkiddies.com
- ♦ math.com
- ♦ purplemath.com
- ♦ intmath.com
- ♦ wtamu.edu/academic/anns/mps/math/mathlab/col\_algebra
- ♦ cut-the-knot.org
- ♦ mathworld.wolfram.com