

Math and Literature Bibliography

Amanda Bean's Amazing Dream: A Mathematical Story

by Cindy Neuschwander and Marilyn Burns

Scholastic, 1998

The mysteries of multiplication are unraveled by young Amanda, who happily counts "anything and everything."

Arithme-Tickle: An Even Number of Odd Riddle-Rhymes

by J. Patick Lewis, Frank Remkiewicz

Silver Whistle, 2002

Eighteen clever and fun math riddles.

Arithmetricks

by Edward H. Julius

John Wiley & Sons, 1995

50 tips and tricks help make adding, subtracting, multiplying, and dividing easy and fun.

Bats on Parade

by Kathi Appelt

William Morrow, 1999

Interesting mathematical comparisons are made between human and animal behavior.

Can You Count to a Googol?

by Robert E. Wells

Albert Whitman & Co., 2000

The book helps students visualize greater and greater numbers.

A Cloak for the Dreamer

by Aileen Friedman

Scholastic, 1995

A story about a father, who is a tailor, and his three sons; each is asked to sew a cloak, and each uses a different pattern.

Do You Wanna Bet? Your Chance to Find Out About Probability

by Jean Cushman

Houghton Mifflin, 1991

Two boys become involved in everyday situations that involve probability.

Einstein Anderson, Science Detective: On-line Spacemen and Other Cases

by Seymour Simon

Avon Books, 1998

Einstein Anderson, a whiz at science, investigates the mysteries of the universe.

Esio Trot

by Roald Dahl

Demco Media, 1992

Mr. Hoppy's plan to win Mrs. Silver's heart leads to thinking about measurement and division.

Fraction Fun

by David Adler

Holiday House, 1997

Hands-on activities, including "Pizza Math," help introduce fractions.

The Go-Around Dollar

by Barbara Johnston Adams

Simon & Schuster Children's, 1992

A picture book about the travels of a single dollar.

A Grain of Rice

by Helna C. Pittman Bantam

Doubleday Dell, 1995

A farmer teaches an emperor a math lesson and is rewarded by a single grain of rice, which doubles every day for 100 days.

Grandfather Tang's Story: A Tale Told with Tangrams

by Ann Tompert

Demco Media, 1997

A grandfather's story, told to his granddaughter, uses tangrams to show the shape of each animal in the tale.

How Much Is a Million?

by David M. Schwartz

William Morrow, 1993

One million, one billion, and one trillion are explained.

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If You Made a Million

by David M. Schwartz
William Morrow, 1994

Ways to earn and spend a penny, a nickel, and a million dollars are explored.

The King's Commissioners

by Aileen Friedman
Scholastic, 1995

The concept of counting by grouping is introduced.

Logic for Space Age Kids

by Lyn McClure Butrick
University Classics, 1984

Zeno, from the planet Zircon, tackles problems involving logical deduction.

Math Mysteries: Stories and Activities to Build Problem-Solving Skills

by Jack Silbert
Scholastic, 1996

The "Effective Detective Agency" introduces each reproducible story, presenting readers with engaging math problems to solve.

Math-Terpieces

by Greg Tang, Greg Paprocki
Scholastic, 2003

Tang explores basic problem solving through fun text and illustrations.

Measuring Penny

by Loreen Leedy
Henry Holt, 1998

A young girl, with the help of her dog, investigates various types of measurement.

Pigs at Odds: Fun With Math and Games

by Amy Axelrod, Sharon McGinley-Nally
Simon & Schuster, 2000

This book explores probability in the environment of a carnival complete with many games.

Sam Johnson and the Blue Ribbon Quilt

by Lisa Campbell Ernst
William Morrow, 1992

A tale about quilt-making, which introduces patterns and symmetry.

Sir Cumference and the First Round Table: A Math Adventure

by Cindy Neuschwander
Charlesbridge Publishing, 1997

The terms of geometry are brought to life, as problems with the Round Table force King Arthur and his knights to consider more suitable shapes.

Spaghetti and Meatballs for All: A Mathematical Story

by Marilyn Burns
Scholastic, 1997

This book is a real-life exploration of area and perimeter.

Three Pigs, One Wolf, and Seven Magic Shapes

by Grace MacCarone, David Neuhaus, Marilyn Burns
Scholastic, 1998

The seven magic shapes, tangrams, form figures that help the pigs outsmart the wolf.

Tiger Math: Learning to Graph From a Baby Tiger

by Ann Whitehead Nagda, Cindy Bickel
Henry Holt & Company, 2000

The text and four different types of graphs (picture, circle, bar, and line) tell the story of how the tiger grows.

Time

by Henry Pluckrose
Children's Press, 1988

Units of time measurement, along with the importance of timekeeping, are explored.