

Enrichment Reading List for Math

BOLD titles are owned by the CCS LRC

Beginners or higher

***Math for Smarty Pants*, Marilyn Burns, 1982.**

The Joy of Mathematics, Theoni Pappus

***More Joy of Mathematics*, Theoni Pappus**

***Mathematical Scandals*, Theoni Pappus**

The Phantom Tollbooth, Norton Juster, 1961.

Intermediate or higher

***Flatland: A Romance of Many Dimensions*, Edwin A Abbott, 1992**

Sphereland: A Fantasy about Curved Spaces and an Expanding Universe, Dionys Burger

***The Joy of Pi*, David Blatner**

***Men of Mathematics*, E. T. Bell**

***In Code: A Mathematical Journey*, Sarah Flannery and David Flannery, 2002.**

***The Number Devil: A Mathematical Adventure*, Hans Magnus Enzensberger, translated by Michael Henry Heim, 1998**

***The Man Who Counted: a collection of mathematical adventures*, Malba Tahan, translated by Leslie Clark and Alastair Reed, 1993**

***Fermat's Enigma: The Epic Quest to Solve the World's Greatest Mathematical Problem*, Simon Singh**

The Mathematical Magpie, Clifton Fadiman

The Mathematical Tourist, Ian Stewart

Islands of Truth, Ian Stewart

The Secret Life of Numbers: 50 Easy Pieces on How Mathematicians Work and Think, George Szpiro

Advanced

A Tour of the Calculus, David Berlinski, 1995.

How to Ace Calculus: The Streetwise Guide, Colin Adams, Abigail Thompson, and Joel Haas, 1998.

The Equation That Couldn't Be Solved, Mario Livio, 2005, chapters 1- 5

Trigonometric Delights, Eli Maor

e, the Story of a Number, Eli Maor

ZERO The Biography of a Dangerous Idea, Charles Seife.

Journey Through Genius, William Dunham

Goedel, Escher, and Bach, Douglas Hofstadter

Surely You Must Be Joking, Richard Feynman

To Infinity and Beyond, Eli Maor

Great Feuds in Science, Hal Hellman

The Road to Reality, Roger Penrose

The Music of the Primes, Marcus du Sautoy

Euler—The Master of Us All, William Dunham

A Mathematician's Apology, GH Hardy

Archimedes' Revenge, Paul Hoffman

The Man Who Loved Only Numbers, Paul Hoffman

Genius, James Glueck

The Man Who Knew Infinity, Robert Kanigel

$\sqrt{-1}$: *An Imaginary Tale*, Paul Nahim

When Least is Best, Paul Nahin

The Book of Numbers, Conway and Guy

Uncle Petros and Goldbach's Conjecture: A Novel of Mathematical Obsession, Apostolos Doxiadis

The Edge of the Universe: Celebrating Ten Years of Math Horizons, Deanna Haunsperger