

A Mathematics Reading List

General Mathematics.

Journey Through Genius, William Dunham.
Measurement, Paul Lockhart. Of particular interest to teachers.
Prelude to Mathematics, W.W. Sawyer. A classic.
Proofs from "The Book", Aigner and Ziegler. Only the "best" proofs.
The Joy of x , Steven Strogatz.
Things to Make and Do in the Fourth Dimension, Matt Parker.
What is Mathematics? Courant and Robbins. Highly Recommended!

Numbers.

A History of π . Petr Beckmann.
An Imaginary Tale, Paul Nahin. The complex numbers.
e: The Story of a Number, Eli Maor.
Imagining Numbers, Barry Mazur. Musings on $\sqrt{-1}$ and poetry.
Prime Obsession, John Derbyshire. The Riemann Hypothesis.
Zero: The Biography of a Dangerous Idea. Charles Seife.

Geometry.

Flatland, Edwin Abbott. Musings on dimension. A classic.
Poincaré's Prize, George Szpiro. History of the Poincaré conjecture.
The Knot Book, Colin Adams. Knots!
The Shape of Space, Jeff Weeks. Low-dimensional topology.
Trigonometric Delights, Eli Maor.

Statistics.

How to Lie with Statistics, Darrell Huff.
Innumeracy, John Allen Paulos.
The Drunkard's Walk, Leonard Mlodinow. On randomness.
The Lady Tasting Tea, David Salsburg.

Math-Related.

Gödel, Escher, Bach, Douglas Hofstadter.
How Not to be Wrong, Jordan Ellenberg.
How to Bake π . Eugenia Cheng. Recipes and math.
Love and Math, Ed Frenkel. Autobiographical and titillating.
Magical Mathematics, Diaconis and Graham. Math and magic.

Any Book by.. Martin Gardner, Mario Livio, Constance Reid, Ian Stewart.

Finally. Our own Evelyn Lamb! blogs.scientificamerican.com/roots-of-unity/