Big View of Mathematics

List your name after the book you order. No more than 4 people per book; first come, first serve. Here's the Winter 14 and last summer reactions. At the end is a section for you to propose books of your own.

Recommended:

How to Bake π, Eugenia Cheng: Sarah Park, Nick Karavas, Rob Wilson, Kate Vandenberg

<u>Journey through Genius</u>, by William Dunham: <u>Lindsay Czap</u>, Kevin Forster, Adam Keefer, Joe Young

<u>Euler: The Master of Us All.</u> William Dunham: Brennan Kulfan, Brandon Piotrzkowski <u>How Not to Be Wrong</u>, Jordan Ellenberg:Holli McAlpine, Natalie Van Dorn, Lauren Noyes, Schmitty

Love and Math, Edward Frenkel: Kali Orenstein, Brian Hurner, Khadijah Shaaf

The Math Book, Clifford Pickover: Brooke Ramsey, Dakota Doster

Genius at Play, Siobhan Roberts:

Joy of X, Steven Strogatz, book site: Paige Melick, Joey Montney, Abby Fatum

Specific Mathematical Ideas:

e: The Story of a Number, Eli Maor:

Uncle Petros and Goldbach's Conjecture, by Apostolos Doxiadis (fiction):

Gödel, Escher, Bach, Douglas Hofstader (counts as 2):

Euler's Gem. Dave Richeson:

Fermat's Enigma, Simon Singh:

Make a case for it: pick one of these below, but tell me why.

More Math:

Men of Mathematics, E. T. Bell:

Here's Looking at Euclid, Alex Bellos:

A History of Mathematics, Charles Boyer:

The Art of Problem Posing, Stephen Brown:

The Man Who Loved Only Numbers, Paul Hoffman (review):

Measurement, Paul Lockhart:

Euclid in the Rainforest, by Joseph Mazur:

<u>The Number Mysteries</u>, Marcus du Sautoy: Josie Whitsel, This book relates math to the real world so we can finally answer the question "when will I ever use this?".

Katie Tizedes- Josie told me a little about this book and it sounded super interesting! Concepts of Modern Mathematics, Ian Stewart:

Visions of Infinity, Ian Stewart: Anthony Pecoraro, This book looks at some of the

hardest problems mathematicians have faced and why solving these problems have been so important. Along with a glimpse into what the future has in store for mathematicians.

Math Ed:

Mathematician's Lament, Paul Lockhart:

Radical Equation, Robert Moses:

How to Solve It, Georg Polya

The Calculus of Friendship, Steven Strogatz Molly Carter

Your Suggestions: (many other great books on mathematics; make a case!)