

## 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  \$\pi\$](#) , Eugenia Cheng: Sarah Park, Nick Karavas, Rob Wilson, Kate Vandenberg

[Journey through Genius](#), by William Dunham: Lindsay Czap, Kevin Forster, Adam Keefer, Joe Young

[Euler: The Master of Us All](#), William Dunham: Brennan Kulfan, Brandon Piotrkowski  
[How Not to Be Wrong](#), Jordan Ellenberg: Holli McAlpine, Natalie Van Dorn, Lauren Noyes, Schmitt

[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 Hofstadter (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:

[The Number Mysteries](#), 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!)