Books

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Books That Focus On Storytelling	Books on History, Literature, and Other Subjects	Websites & Other Resources
Book: Math with Bad Drawings **Author**: Ben Orlin **Link to Author's Site:** https://benorlin.com/ **Quick Summary:** Explores how math shapes our world from everyday decisions and games to politics and economic models using engaging, humorously illustrated drawings and conversational explanations.	**Book**: Change is the Only Constant **Author**: Ben Orlin **Link to Author's Site:** https://benorlin.com/ **Quick Summary:** Uses humor, stick figures, and storytelling to demystify calculus as the language of change, motion, and continuous transformation.	**Podcast**: Breaking Math **Quick Summary:** A podcast dedicated to making complex math and science topics accessible through engaging discussions on everything from computer science to theoretical physics.
Book: Joy of X **Author**: Steven Strogatz **Link to Author's Site:** https://www.stevenstrogatz.com/ **Quick Summary:** A guided tour through the core ideas of mathematics (from arithmetic and geometry to calculus and infinity) designed to reveal the elegance, beauty, and practical wonder of math.	**Book**: Flatland **Author**: Edwin Abbot **Quick Summary:** A classic 1884 satirical novella exploring geometry and higher dimensions through a two-dimensional square visiting one-dimensional and three-dimensional worlds.	**Podcast**: Debate Math **Quick Summary:** A podcast and platform hosting discussions on math education, teaching strategies, and pedagogical debates to improve classroom practices.
Book: Humble Pie **Author**: Matt Parker **Link to Author's Site:** http://standupmaths.com/ **Quick Summary:** A humorous look at real-world mathematical errors,	**Book**: Crest of the Peacock **Author**: George Gheverghese Joseph **Quick Summary:** A rich historical account detailing the vital mathematical contributions of non-European civilizations, including ancient Egypt,	**Youtube**: 1 Minute Physics **Quick Summary:** Short, animated YouTube videos explaining physics, quantum mechanics, and mathematical concepts simply and visually in about a minute.

miscalculations, and software bugs that have caused bridge collapses, financial crashes, and hilarious everyday mishaps.	Mesopotamia, India, China, and the Islamic world.	
Book: Reaching for the Extreme **Author**: Ian Steward **Link to Author's Site:** https://ianstewartjoat.weebly.com/ **Quick Summary:** Investigates the limits of mathematical thought, exploring how fundamental concepts and equations shape our understanding of the cosmos, nature, and modern technology.	**Book**: Proof (Playwright) **Author**: David Auburn **Quick Summary:** A Pulitzer Prize–winning drama about the daughter of a brilliant but mentally ill mathematician who grapples with genius, grief, trust, and the authorship of a revolutionary mathematical proof.	**Website**: Mathigon Timeline (Link) **Quick Summary:** An interactive visual timeline of mathematics history highlighting key mathematicians, discoveries, and historical contexts.
Book: Infinite Powers **Author**: Steven Strogatz **Link to Author's Site:** https://www.stevenstrogatz.com/ **Quick Summary:** Tells the captivating historical narrative of calculus, detailing how breaking complex problems into infinitely small pieces enabled major breakthroughs in science and technology.	**Book**: Math for English Majors **Author**: Ben Orlin **Link to Author's Site:** https://benorlin.com/ **Quick Summary:** Bridges the gap between humanities and quantitative thinking, showing how narrative, metaphor, and linguistic structure intersect with mathematical concepts.	**Youtube**: 3Blue1Brown **Quick Summary:** Visual animations breaking down complex calculus, linear algebra, and mathematical concepts into intuitive geometric ideas.
Book: Gödel, Escher, Bach: An Eternal Golden Braid **Author**: Douglas Hofstadter **Quick Summary:** Explores deep interdisciplinary connections between mathematics, art, music, symmetry, and cognition.	**Book**: The Code Book / Fermat's Enigma **Author**: Simon Singh **Link to Author's Site:** https://simonsingh.net/ **Quick Summary:** Explores cryptography, history, and mathematical discovery, turning complex proofs and codebreaking into narrative thrillers.	**Youtube**: Numberphile **Quick Summary:** Short videos featuring mathematicians sharing curious mathematical paradoxes, numbers, and history.

Books

Book: The Housekeeper and the Professor **Author**: Yoko Ogawa **Quick Summary:** A fiction novel about human connection, memory, and the beauty of number theory woven into a narrative.	**Book**: The Man Who Loved Only Numbers **Author**: Paul Hoffman **Quick Summary:** A biography telling the eccentric and inspiring life story of mathematician Paul Erdős, highlighting collaboration and devotion to pure math.	
Book: Uncle Petros and Goldbach's Conjecture **Author**: Apostolos Doxiadis **Quick Summary:** A novel exploring mathematical obsession, family relationships, and the search for truth through one of math's famous unsolved problems.	**Movies**: ● Hidden Figures ● Imitation Game ● Moneyball ● The Man Who Knew Infinity ● Gifted	
Book: Sir Cumference Series **Author**: Cindy Neuschwander **Quick Summary:** Narrative-based adventures for elementary and middle school students that teach geometry and measurement through stories.		