

The Boy Who Loved Math: The Improbable Life Of Paul Erdos

Most people think of mathematicians as solitary, working away in isolation. And, it's true, many of them do. But Paul Erdos never followed the usual path. At the age of four, he could ask you when you were born and then calculate the number of seconds you had been alive in his head. But he didn't learn to butter his own bread until he turned twenty. Instead, he traveled around the world, from one mathematician to the next, collaborating on an astonishing number of publications. With a simple, lyrical text and richly layered illustrations, this is a beautiful introduction to the world of math and a fascinating look at the unique character traits that made "Uncle Paul" a great man. The Boy Who Loved Math by Deborah Heiligman is a Kirkus Reviews Best Book of 2013 and a New York Times Book Review Notable Children's Book of 2013.

This book is about Bear... so what happens when he doesn't show up on his page? Who will find him? Will it be Giraffe, who himself seems to always be in the wrong place at the wrong time, or Cow, or perhaps even the author herself? One thing's for sure--it probably won't be Duck. Duck doesn't seem concerned that Bear is missing. In fact, he seems to be trying to steal the show for himself! Duck would much prefer that the reader pick up his own book, The Duck Who Showed Up. He even disguises himself as Bear in an attempt to fool the reader. But after pages and pages of Duck's antics and search-party chaos, Bear appears somewhere utterly unexpected. In fact, it looks like someone may have tried to get rid of him on purpose.... LeUyen Pham's The Bear Who Wasn't There takes readers a hilarious search for the missing title character.

This title has been removed from sale by Penguin Group, USA.

Combining mathematical rigor with light romance, Math Girls is a unique introduction to advanced mathematics, delivered through the eyes of three students as they learn to deal with problems seldom found in textbooks.

Growing up in Hungary during WWI, Erdos tried school but chafed at the rules and convinced his mother that he should study at home. He was fascinated by numbers from an early age, and by the time he was 20, he was known as The Magician from Budapest. Unable to do common tasks such as cooking, laundry, or driving, he spent his adult life flying around the world, staying with other mathematicians, and working collaboratively on challenging math problems.

The Story of Raye Montague

The Van Gogh Brothers

A Novel

What's the Point of Math?

Thinking In Numbers

The Number Devil

This picture-book biography of violin virtuoso Itzhak

Perlman will inspire young readers to follow the melody

within themselves A 2021 Schneider Family Book Award Young

Children Honor Book Before becoming one of the greatest

violinists of all time, Itzhak Perlman was simply a boy who

loved music. Raised by a poor immigrant family in a tiny Tel

Aviv apartment, baby Itzhak was transformed by the sounds

from his family's kitchen radio—graceful classical symphonies, lively klezmer tunes, and soulful cantorial chants. The rich melodies and vibrant rhythms spoke to him like magic, filling his mind with vivid rainbows of color. After begging his parents for an instrument, Itzhak threw his heart and soul into playing the violin. Despite enormous obstacles—including a near-fatal bout of polio that left him crippled for life—Itzhak persevered, honing his extraordinary gift. When he performed on the Ed Sullivan Show sat only 13, audiences around the world were mesmerized by the warmth, joy, and passion in every note. Gorgeously illustrated with extensive back matter, this picture-book biography recounts Itzhak's childhood journey—from a boy with a dream to an internationally acclaimed violin virtuoso.

Now in paperback, a heartfelt YA rom-com about smart girls, love-struck boys, and quantum theory Seventeen-year-old Evie Beckham has never been interested in dating. She's fully occupied by her love of math and her frequent battles with anxiety. Besides, she's always found the idea of kissing to be kind of weird and pretty unsanitary, when you think about it. But with the help of her therapist and her support system, she's feeling braver. Maybe even brave enough to enter a prestigious physics competition or to say yes to the new boy who's been flirting with her. Evie's best friend, Caleb, has always been a little in love with Evie, and though he knows she isn't ready for romance, he hopes that when she is, she'll choose him. So Caleb is horrified when he is forced to witness Evie's meet-cute with a floppy-haired, mathematically gifted transfer student. In desperation, Caleb decides to use an online forum to capture Evie's interest. When it goes better than he could've wished for, he wonders if it's possible to be jealous of himself. And Evie wonders how she went from eschewing romance to having to choose between two—or is it three?—boys.

Audisee® eBooks with Audio combine professional narration and sentence highlighting for an engaging read aloud experience! What do you want to be when you grow up? When Katherine Johnson was young, women weren't expected to go into the math and science fields. Johnson loved math, but she never thought she could be a mathematician. After studying math in school and teaching for a few years, she learned that the organization that would later become NASA

was hiring women to complete mathematical equations. As an African American woman, Johnson had to work hard to earn the respect of her coworkers, but they soon came to rely on her brilliant calculations. Her contributions to the US space program helped send astronauts to the moon. Learn how Johnson broke barriers as a female African American mathematician.

Children's Choice Award winner Bethany Barton applies her signature humor to the scariest subject of all: math! Do multiplication tables give you hives? Do you break out in a sweat when you see more than a few numbers hanging out together? Then I'm Trying to Love Math is for you! In her signature hilarious style, Bethany Barton introduces readers to the things (and people) that use math in amazing ways -- like music, and spacecraft, and even baking cookies! This isn't a how-to math book, it's a way to think differently about math as a necessary and cool part of our lives!

The bestselling author of *The Elegant Universe* and *The Fabric of the Cosmos* tackles perhaps the most mind-bending question in modern physics and cosmology: Is our universe the only universe? There was a time when "universe" meant all there is. Everything. Yet, a number of theories are converging on the possibility that our universe may be but one among many parallel universes populating a vast multiverse. Here, Brian Greene, one of our foremost physicists and science writers, takes us on a breathtaking journey to a multiverse comprising an endless series of big bangs, a multiverse with duplicates of every one of us, a multiverse populated by vast sheets of spacetime, a multiverse in which all we consider real are holographic illusions, and even a multiverse made purely of math--and reveals the reality hidden within each. Using his trademark wit and precision, Greene presents a thrilling survey of cutting-edge physics and confronts the inevitable question: How can fundamental science progress if great swaths of reality lie beyond our reach? *The Hidden Reality* is a remarkable adventure through a world more vast and strange than anything we could have imagined.

The Man who Loved Only Numbers

Math Stories to Solve

The Hidden Reality

Bedtime Math: A Fun Excuse to Stay Up Late

On Life, Love, Meaning, and Math

The Girl with a Mind for Math

The irresistibly engaging book that "enlarges one's wonder at Tammet's mind and his all-embracing vision of the world as grounded in numbers" (Oliver Sacks, MD). Thinking in Numbers is the book that Daniel Tammet, mathematical savant and bestselling author, was born to write. In Tammet's world, numbers are beautiful and mathematics illuminates our lives and minds. Using anecdotes, everyday examples, and ruminations on history, literature, and more, Tammet allows us to share his unique insights and delight in the way numbers, fractions, and equations underpin all our lives. Inspired variously by the complexity of snowflakes, Anne Boleyn's eleven fingers, and his many siblings, Tammet explores questions such as why time seems to speed up as we age, whether there is such a thing as an average person, and how we can make sense of those we love. His provocative and inspiring new book will change the way you think about math and fire your imagination to view the world with fresh eyes.

An introduction to the unconventional life of the eminent mathematician describes the phenomenal math talents he demonstrated from an early age while revealing how he was often stymied by everyday tasks. By the National Book Award finalist author of Charles and Emma.

The international best-seller that makes mathematics a thrilling exploration. In twelve dreams, Robert, a boy who hates math, meets a Number Devil, who leads him to discover the amazing world of numbers: infinite numbers, prime numbers, Fibonacci numbers, numbers that magically appear in triangles, and numbers that expand without . As we dream with him, we are taken further and further into mathematical theory, where ideas eventually take flight, until everyone—from those who fumble over fractions to those who solve complex equations in their heads—winds up marveling at what numbers can do. Hans Magnus Enzensberger is a true polymath, the kind of superb intellectual who loves thinking and marshals all of his charm and wit to share his passions with the world. In The Number Devil, he brings together the surreal logic of Alice in Wonderland and the existential geometry of Flatland with the kind of math everyone would love, if only they had a number devil to teach it to them.

Our mission: to make math a fun part of kids' everyday lives. We all know it's wonderful to read bedtime stories to kids, but what about doing math? Many generations of Americans are uncomfortable with math and numbers, and too often we hear the phrase, "I'm just not good at math!" For decades, this attitude has trickled down from parents to their kids, and we now have a culture that finds math dry, intimidating, and just not cool. Bedtime Math wants to change all that. Inside this book, families will find fun, mischief-making math problems to tackle—math that isn't just kid-friendly, but actually kid-appealing. With over 100 math riddles on topics from jalapeños and submarines to roller coasters and flamingos, this book bursts with math that looks nothing like school. And with three different levels of challenge (wee ones, little kids, and big kids), there's something for everyone. We can make numbers fun, and change the world, one Bedtime Math puzzle at a time.

A biography of Leonardo Fibonacci, the 12th century mathematician who discovered the numerical sequence named for him.

A Boy Who Loved the Violin

Grasping Mysteries

An Amazing Math Journey

How to Survive Middle School Math Without Losing Your Mind or Breaking a Nail

Math from Three to Seven

Count on Me

An awesome, globe-spanning, and New York Times best-selling journey through the beauty and power of mathematics What if you had to take an art class in which you were only taught how to paint a fence? What if you were never shown the paintings of van Gogh and Picasso, weren't even told they existed? Alas, this is how math is taught, and so for most of us it becomes the intellectual equivalent of watching paint dry. In Love and Math, renowned mathematician Edward Frenkel reveals a side of math we've never seen, suffused with all the beauty and elegance of a work of art. In this heartfelt and passionate book, Frenkel shows that

mathematics, far from occupying a specialist niche, goes to the heart of all matter, uniting us across cultures, time, and space. Love and Math tells two intertwined stories: of the wonders of mathematics and of one young man's journey learning and living it. Having braved a discriminatory educational system to become one of the twenty-first century's leading mathematicians, Frenkel now works on one of the biggest ideas to come out of math in the last 50 years: the Langlands Program. Considered by many to be a Grand Unified Theory of mathematics, the Langlands Program enables researchers to translate findings from one field to another so that they can solve problems, such as Fermat's last theorem, that had seemed intractable before. At its core, Love and Math is a story about accessing a new way of thinking, which can enrich our lives and empower us to better understand the world and our place in it. It is an invitation to discover the magic hidden universe of mathematics.

NEW YORK TIMES BESTSELLER • *In this mesmerizing novel, Ethan Canin, the author of America America and The Palace Thief, explores the nature of genius, rivalry, ambition, and love among multiple generations of a gifted family. Milo Andret is born with an unusual mind. A lonely child growing up in the woods of northern Michigan in the 1950s, he gives little thought to his own talent. But with his acceptance at U.C. Berkeley he realizes the extent, and the risks, of his singular gifts. California in the seventies is a seduction, opening Milo's eyes to the allure of both ambition and indulgence. The research he begins there will make him a legend; the woman he meets there—and the rival he meets alongside her—will haunt him for the rest of his life. For Milo's brilliance is entwined with a dark need that soon grows to threaten his work, his family, even his existence. Spanning seven decades as it moves from California to Princeton to the Midwest to New York, A Doubter's Almanac tells the story of a family as it explores the way ambition lives alongside destructiveness, obsession alongside torment, love alongside grief. It is a story of how the flame of genius both lights and scorches every generation it touches. Graced by stunning prose and brilliant storytelling, A Doubter's Almanac is a surprising, suspenseful, and deeply moving novel, a major work by a writer who has been hailed as "the most mature and accomplished novelist of his generation." Praise for A Doubter's Almanac "551 pages of bliss . . . devastating and wonderful . . . dazzling . . . You come away from the book wanting to reevaluate your choices and your relationships. It's a rare book that can do that, and it's a rare joy to discover such a book."—Esquire "[Canin] is at the top of his form, fluent, immersive, confident. You might not know where he's taking you, but the characters are so vivid, Hans's voice rendered so precisely, that it's impossible not to trust in the story. . . . The delicate networks of emotion and connection that make up a family are illuminated, as if by magic, via his prose."—Slate "Alternately explosive and deeply interior."—New York ("Eight Books You Need to Read") "A blazingly intelligent novel."—Los Angeles Times "[A] beautifully written novel."—The New York Times Book Review (Editors' Choice)*

A young mathematical genius from India searches for the secrets hidden inside numbers -- and for someone who understands him -- in this gorgeous picture-book biography. A mango . . . is just one thing. But if I chop it in two, then chop the half in two, and keep on chopping, I get more and more bits, on and on, endlessly, to an infinity I could never ever reach. In 1887 in India, a boy named Ramanujan is born with a passion for numbers. He sees numbers in the squares of light pricking his thatched roof and in the beasts dancing on the temple tower. He writes mathematics with his finger in the sand, across the pages of his notebooks, and

with chalk on the temple floor. "What is small?" he wonders. "What is big?" Head in the clouds, Ramanujan struggles in school -- but his mother knows that her son and his ideas have a purpose. As he grows up, Ramanujan reinvents much of modern mathematics, but where in the world could he find someone to understand what he has conceived? Author Amy Alznauer gently introduces young readers to math concepts while Daniel Miyares's illustrations bring the wonder of Ramanujan's world to life in the inspiring real-life story of a boy who changed mathematics and science forever. Back matter includes a bibliography and an author's note recounting more of Ramanujan's life and accomplishments, as well as the author's father's remarkable discovery of Ramanujan's Lost Notebook. A Tanzanian boy saves his coins to buy a bicycle so that he can help his parents carry goods to market, but then he discovers that in spite of all he has saved, he still does not have enough money.

How much? How many? How far? How small? Maths helps make sense of the world around us. How many mangoes are needed to make a jar of pickle? How many toes do the monsters under the bed have? How many days till the new moon? Let's Do This Together is filled with stories that cleverly weave everyday maths problems into the narrative so children can easily solve them with the help of a parent, teacher or friend. As they start with sums that are easy-peasy, move to mostly easy and then to ones that are not that easy, the book helps them build their self-confidence and number proficiency.

Itzhak

Odd Boy Out

A Doubter's Almanac

The Quantum Weirdness of the Almost-Kiss

Girls Who Loved Math

Math Curse

Printz Honor Book • YALSA Nonfiction Award Winner • Boston Globe-Horn Book Award Winner • SCBWI Golden Kite Winner • Cybils Senior High Nonfiction Award Winner From the author of National Book Award finalist *Charles and Emma* comes an incredible story of brotherly love. The deep and enduring friendship between Vincent and Theo Van Gogh shaped both brothers' lives. Confidant, champion, sympathizer, friend—Theo supported Vincent as he struggled to find his path in life. They shared everything, swapping stories of lovers and friends, successes and disappointments, dreams and ambitions. Meticulously researched, drawing on the 658 letters Vincent wrote to Theo during his lifetime, Deborah Heiligman weaves a tale of two lives intertwined and the extraordinary love of the Van Gogh brothers.

When I looked up, I shivered. How many stars were in the sky? A million? A billion? Maybe the number was as big as infinity. I started to feel very, very small. How could I even think about something as big as infinity? Uma can't help feeling small when she peers up at the night sky. She begins to wonder about infinity. Is infinity a number that grows forever? Is it an endless racetrack? Could infinity be in an ice cream cone? Uma soon finds that the ways to think about this big idea may just be . . . infinite.

Meet Raye Montague?the hidden mastermind who made waves in the U.S. Navy! After touring a German submarine in the early 1940s, young Raye set her sights

on becoming an engineer. Little did she know sexism and racial inequality would challenge that dream every step of the way, even keeping her greatest career accomplishment a secret for decades. Through it all, the gifted mathematician persisted?finally gaining her well-deserved title in history: a pioneer who changed the course of ship design forever. The Girl With a Mind for Math: The Story of Raye Montague is the third book in a riveting educational series about the inspiring lives of amazing scientists. In addition to the illustrated rhyming tale, you'll find a complete biography, fun facts, a colorful timeline of events, and even a note from Montague herself!

Max's hopes of becoming an engineer seem unattainable as Max's brain freezes every time he takes a timed math fact test and is teased by the other children. That is until it's discovered that Max understands how math works but just has trouble with memorization. A satisfying resolution does not involve a timer! Part of The Adventures of Everyday Geniuses series.

A Wrinkle in Time is the winner of the 1963 Newbery Medal. It was a dark and stormy night—Meg Murry, her small brother Charles Wallace, and her mother had come down to the kitchen for a midnight snack when they were upset by the arrival of a most disturbing stranger. "Wild nights are my glory," the unearthly stranger told them. "I just got caught in a downdraft and blown off course. Let me sit down for a moment, and then I'll be on my way. Speaking of ways, by the way, there is such a thing as a tesseract." A tesseract (in case the reader doesn't know) is a wrinkle in time. To tell more would rob the reader of the enjoyment of Miss L'Engle's unusual book. A Wrinkle in Time, winner of the Newbery Medal in 1963, is the story of the adventures in space and time of Meg, Charles Wallace, and Calvin O'Keefe (athlete, student, and one of the most popular boys in high school). They are in search of Meg's father, a scientist who disappeared while engaged in secret work for the government on the tesseract problem.

The Boy Who Loved Math

Math Girls

Vincent and Theo

I'm Trying to Love Math

Blockhead

The Story of a Mathematical Circle for Preschoolers

A biographical novel in verse of seven girls from different time periods who used math to explore the mysteries of the universe and grew up to do innovate work that changed history.

This book is a captivating account of a professional mathematician's experiences conducting a math circle for preschoolers in his apartment in Moscow in the 1980s. As anyone who has taught or raised young children knows, mathematical education for little kids is a real mystery. What are they capable of? What should they learn first? How hard should they work? Should they even "work" at all? Should we push them, or just let them be? There are no correct answers to these questions, and the author deals with them in classic math-circle style: he doesn't ask and then answer a question, but shows us a

problem--be it mathematical or pedagogical--and describes to us what happened. His book is a narrative about what he did, what he tried, what worked, what failed, but most important, what the kids experienced. This book does not purport to show you how to create precocious high achievers. It is just one person's story about things he tried with a half-dozen young children. Mathematicians, psychologists, educators, parents, and everybody interested in the intellectual development in young children will find this book to be an invaluable, inspiring resource. In the interest of fostering a greater awareness and appreciation of mathematics and its connections to other disciplines and everyday life, MSRI and the AMS are publishing books in the Mathematical Circles Library series as a service to young people, their parents and teachers, and the mathematics profession. Titles in this series are co-published with the Mathematical Sciences Research Institute (MSRI). The bold story of Katherine Johnson, an African-American mathematician who worked for NASA during the space race and was depicted in the film *Hidden Figures*. You've likely heard of the historic Apollo 13 moon landing. But do you know about the mathematical genius who made sure that Apollo 13 returned safely home? As a child, Katherine Johnson loved to count. She counted the steps on the road, the number of dishes and spoons she washed in the kitchen sink, everything! Boundless, curious, and excited by calculations, young Katherine longed to know as much as she could about math, about the universe. From Katherine's early beginnings as a gifted student to her heroic accomplishments as a prominent mathematician at NASA, *Counting on Katherine* is the story of a groundbreaking American woman who not only calculated the course of moon landings but, in turn, saved lives and made enormous contributions to history. Christy Ottaviano Books

The biography of a mathematical genius. Paul Erdos was the most prolific pure mathematician in history and, arguably, the strangest too. 'A mathematical genius of the first order, Paul Erdos was totally obsessed with his subject -- he thought and wrote mathematics for nineteen hours a day until he died. He travelled constantly, living out of a plastic bag and had no interest in food, sex, companionship, art -- all that is usually indispensable to a human life. Paul Hoffman, in this marvellous biography, gives us a vivid and strangely moving portrait of this singular creature, one that brings out not only Erdos's genius and his oddness, but his warmth and sense of fun, the joyfulness of his strange life.' Oliver Sacks For six decades Erdos had no job, no hobbies, no wife, no home; he never learnt to cook, do laundry, drive a car and died a virgin. Instead he travelled the world with his mother in tow, arriving at the doorstep of esteemed mathematicians declaring 'My brain is open'. He travelled until his death at 83, racing across four continents to prove as many theorems as possible, fuelled by a diet of espresso and amphetamines. With more than 1,500 papers written or co-written,

The true story of eighteenth-century mathematician Sophie Germain, who solved the unsolvable to achieve her dream. When her parents took away her candles to keep their young daughter from studying math...nothing stopped Sophie. When a professor discovered that the homework sent to him under a male pen name came from a woman...nothing stopped Sophie. And when she tackled a math problem that male scholars said would be impossible to solve...still, nothing stopped Sophie. For six years

Sophie Germain used her love of math and her undeniable determination to test equations that would predict patterns of vibrations. She eventually became the first woman to win a grand prize from France's prestigious Academy of Sciences for her formula, which laid the groundwork for much of modern architecture (and can be seen in the book's illustrations). Award-winning author Cheryl Bardoe's inspiring and poetic text is brought to life by acclaimed artist Barbara McClintock's intricate pen-and-ink, watercolor, and collage illustrations in this true story about a woman who let nothing stop her.

The Boy who Loved Math

Infinity and Me

A Wrinkle in Time

The Story of Unshakable Mathematician Sophie Germain

NASA Mathematician Katherine Johnson

Math Doesn't Suck

Did you ever wake up to one of those days where everything is a problem? You have 10 things to do, but only 30 minutes until your bus leaves. Is there enough time? You have 3 shirts and 2 pairs of pants. Can you make 1 good outfit? Then you start to wonder: Why does everything have to be such a problem? Why do 2 apples always have to be added to 5 oranges? Why do 4 kids always have to divide 12 marbles? Why can't you just keep 10 cookies without someone taking 3 away? Why? Because you're the victim of a Math Curse. That's why. But don't despair. This is one girl's story of how that curse can be broken.

Big Sister always gets to do things first, but Little Sister can do things just as well.

Math makes the world go around. An educational book that will give you surprising answers to everyday math challenges. This ebook unpacks how math is an essential part of our everyday life in ways that you never thought of. Full of crazy facts, magic tricks, and mathematical brainteasers and beautiful illustrations show you that math is interesting, fun, and not intimidating at all! Ever wondered where math originated from? This fantastic educational ebook unpacks all the curious questions that your child has about math including intriguing historical stories that explore the often-surprising origins of math that we use in our daily lives. Learn about how the formation of number sequences began, to the origins of trigonometry, and find out how to become a trillionaire! Math in our daily lives is used in many things that might not even seem that obvious. Math Controls Just About Everything Inspire your children with numbers and help bring mathematical explanations to life with this engaging educational book. Expand their knowledge in the complexity of understanding math by using simple illustrative examples. To make these topics more exciting and impactful, the ebook is full of great puzzles, awesome games, and interesting facts that will break barriers in their understanding. "Try it out" examples give mathematical explanations that are simple and easy to grasp. What's The Point Of Math? will not only change your child's perception of numbers but give them the skills and understanding to apply the principles in their everyday life! This educational ebook explains the point of: - Numbers and counting - Shapes and measuring - Patterns and sequences - Probability and logic - Data and statistics

When he was born, Albert was a peculiar, fat baby with an unusually big and misshaped head. When he was older, he hit his sister, bothered his teachers, and didn't have many friends. But in the midst of all of this, Albert was fascinated with solving puzzles and fixing scientific problems. The ideas Albert Einstein came up with during his childhood as an odd boy out were destined to change the way we know and understand the world around us . . .

Today is the day—Albert's very first trip to the People Kitchen! With help from his big sister, Wanda, Albert will hunt for all kinds of crumbs, treats, and goodies. But first he has to find a hiding place from the cat! (Math concept: One-to-One Correspondence)

Big Sister, Little Sister

The Bear Who Wasn't There

Parallel Universes and the Deep Laws of the Cosmos

A Mathematical Adventure

Math Power

Last to Finish a Story about the Smartest Boy in Math Class

Traditional Chinese edition of The Boy Who Loved Math: The Improbable Life of Paul Erdos, a New York Times Book Review Notable Children's Book of 2013.

Learn at home with help from The Wonder Years/Hallmark actress, math whiz, and New York Times bestselling author Danica McKellar using her acclaimed McKellar Math books! Bathtime will be squeaky clean and sneaky smart fun in this original board book that gives your toddler a head start on learning math, all as part of your daily at-home routine! Take one messy baby, two busy feet, three rambunctious friends, four wayward ducks, and five floaty bubbles--and get a tubful of fun as one family's bathtime routine turns into a nightly ritual they can "count on"! Danica McKellar uses her proven math success to show children that math is all around us as she cleverly introduces the early addition concept of "counting on"--the idea that when we add 1, we can get the answer by simply counting on to the next number. This next book in the McKellar Math line shows that even washing your hair can be full of math fun!

A young girl sees the world differently in this beautiful picture book celebration of math.

Everyone has a passion. For some, it's music. For others, it's art. For our heroine, it's math.

When she looks around the world, she sees math in all the beautiful things: the concentric circles a stone makes in a lake, the curve of a slide, the geometric shapes in the playground. Others don't understand her passion, but she doesn't mind. There are infinite ways to see the world. And through math is one of them. This book is a gorgeous ode to something vital but rarely celebrated. In the eyes of this little girl, math takes its place alongside painting, drawing and song as a way to ponder the beauty of the world.

"Critically acclaimed and commercially successful, this resource helps parents overcome their residual math anxiety and assists them in showing children how to enjoy the subject and excel at it. Packed with useful information and instruction, the book features proven teaching techniques, games, and other activities. Suitable for home schoolers and other parents of children from preschool to age 10. 2006 edition"--

The Boy Who Loved Math The Improbable Life of Paul Erdos Roaring Brook

Young Albert Einstein

How to Help Your Child Love Math, Even If You Don't

The Heart of Hidden Reality

Nothing Stopped Sophie

The Life of Fibonacci

Professor X and his dog, Y, teach kids how to count exponentially by powers of

10 (1, 10, 100, 1,000, 10,000, etc.), beginning at 1 and working all the way up to a googol (a 1 followed by 100 zeros) and beyond. Children fascinated by large numbers will be amazed how quickly they can count to really BIG numbers, and they'll also find answers to questions like "What comes after a trillion?" or "What's the biggest number in the world?" Real-life examples provide plenty of fun facts, such as how much popcorn Americans eat in one year, or how many hairs are on a square inch of a person's head. Along with the fun comes some powerful learning, as this unique counting book helps kids understand our number system, which is based on multiples of 10.

Bathtime Mathtime

The Story of Paul Erdős and the Search for Mathematical Truth

The Right Place for Albert

Let's Do This Together

Love and Math

My Rows and Piles of Coins