

2015-2022

BOOK LIST

# Mathical

PreK  
Read-Aloud  
**MATH  
STORIES**  
for the Very Young

## PreK WINNERS:

**Baby Goes to Market** by Atinuke

**Crash! Boom! A Math Tale** by Robie H. Harris

**8: An Animal Alphabet** by Elisha Cooper

**Have You Seen My Dragon?** by Steve Light

**Lia & Luis: Who Has More?** by Ana Crespo

**One Fox: A Counting Book Thriller**  
by Kate Read

**1 Smile, 10 Toes** by Nelleke Verhoeff

**ONE Very Big Bear** by Alice Brière-Haquet

## PreK HONOR TITLES:

**Animal Shapes** by Christopher Silas Neal

**Circle Under Berry** by Carter Higgins

**Count the Monkeys** by Mac Barnett

**Count with Maisy, Cheep, Cheep, Cheep!**  
by Lucy Cousins

**Goodnight, Numbers** by Danica McKellar

**I Know Numbers** by Taro Gomi

**Marta! Big and Small** by Jen Arena

**A Mousy Mess** by Laura Driscoll

**One Happy Tiger** by Catherine Rayner

**100 Bugs! A Counting Book** by Kate Narita

**One Is a Piñata: A Book of Numbers**  
by Roseanne Greenfield Thong

**Over in a River: Flowing Out to the Sea**  
by Marianne Berkes

**Press Here** by Hervé Tullet

**Round** by Joyce Sidman

**Shape Up, Construction Trucks**  
by Victoria Allenby

**What Will Fit?** by Grace Lin

## HALL OF FAME TITLES:

**Anno's Counting Book** by Mitsumasa Anno

**Hippos Go Berserk!** by Sandra Boynton

**One Grain Of Rice:**

**A Mathematical Folktale** by Demi

**The Mathical Book Prize** recognizes math-inspiring literature for kids ages 2-18. Prize-winning books are selected by a committee of teachers, librarians, mathematicians, and others. To get the Mathical List, plus reading guides, book reviews, and more, see [mathicalbooks.org](http://mathicalbooks.org).

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Mathematical Sciences Research Institute

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**NCTE** National Council of  
Teachers of English

**NCTM** NATIONAL COUNCIL OF  
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**CBC**  
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GRADES **K-2**

**MATH-  
INSPIRING  
Picture Books  
for Young Readers**

## GRADES K-2 WINNERS:

**Absolutely One Thing: Featuring Charlie and Lola** by Lauren Child

**The Animals Would Not Sleep** by Sara Levine

**Max's Math** by Kate Bank

**Nothing Stopped Sophie: The Story of Unshakable Mathematician Sophie Germain** by Cheryl Bardoe

**One Big Pair of Underwear** by Laura Gehl

**Pigeon Math** by Asia Citro

**Sheep Won't Sleep: Counting by 2s, 5s, and 10s** by Judy Cox

**Uma Wimple Charts Her House** by Reif Larsen and Ben Gibson

## GRADES K-2 HONOR TITLES:

**Billions of Bricks: A Counting Book about Building** by Kurt Cyrus

**Bird Count** by Susan Edwards Richmond

**The Boy Who Loved Math** by Deborah Heiligman

**Cao Chong Weighs an Elephant** by Songju Ma Daemicke

**Counting on Katherine: How Katherine Johnson Saved Apollo 13** by Helaine Becker

**Counting the Stars: The Story of Katherine Johnson, NASA Mathematician** by Lesa Cline-Ransom

**Count on Me** by Miguel Tanco

**The Girl With a Mind for Math: The Story of Raye Montague** by Julia Finley Mosca

**How Many Jelly Beans? A Giant Book of Giant Numbers!** by Andrea Menotti

**Is 2 a Lot?: An Adventure with Numbers** by Annie Watson and Rebecca Evans

**Lifetime: The Amazing Numbers in Animal Lives** by Lola M. Schaefer

**Shapes, Reshape!** by Silvia Borando

**3x4** by Ivan Brunetti

**We Are One: How the World Adds Up** by Susan Hood

**When Sophie Thinks She Can't** by Molly Bang

**Zero the Hero** by Joan Holub

## HALL OF FAME TITLES:

**Hippos Go Berserk!** by Sandra Boynton

**One Grain Of Rice: A Mathematical Folktale** by Demi

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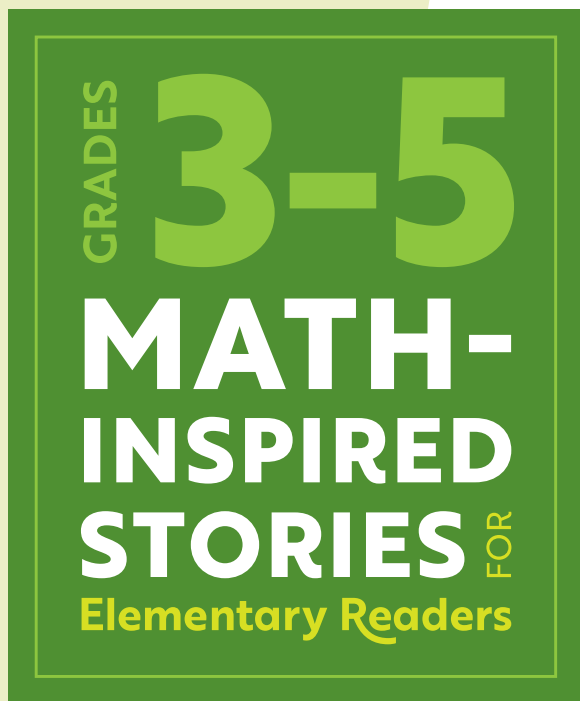
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## GRADES 3-5 WINNERS:

**A Hundred Billion Trillion Stars** by Seth Fishman

**Maryam's Magic: The Story of Mathematician Maryam Mirzakhani** by Megan Reid

**The Miscalculations of Lightning Girl** by Stacy McAnulty

**Really Big Numbers** by Richard Evan Schwartz

**Secret Coders: Volume 1** by Gene Luen Yang and Mike Holmes

**Seven Golden Rings: A Tale of Music and Math** by Rajani LaRocca

**Solving for M** by Jennifer Swender

**Which One Doesn't Belong? A Shapes Book** by Christopher Danielson

## GRADES 3-5 HONOR TITLES:

**Animals by the Numbers: A Book of Infographics** by Steve Jenkins

**Bedtime Math: This Time It's Personal** by Laura Overdeck

**Blockhead: The Life of Fibonacci** by Joseph D'Agnes

**By the Numbers 3.14: 110.01 Cool Infographics Packed with STATS and Figures** by National Geographic Kids

**Classified: The Secret Career of Mary Golda Ross, Cherokee Aerospace Engineer** by Traci Sorell

**Eat Your Math Homework: Recipes for Hungry Minds** by Ann McCallum

**Edgar Allan Poe's Pie: Math Puzzlers in Classic Poems** by J. Patrick Lewis

**Hedy Lamarr's Double Life: Hollywood Legend and Brilliant Inventor** by Laurie Wallmark

**Hidden Women: The African-American Mathematicians of NASA Who Helped America Win the Space Race** by Rebecca Rissman

**If the World Were 100 People** by Jackie McCann

**Just the Right Size: Why Big Animals are Big and Little Animals are Little** by Nicola Davies

**Molly and the Mathematical Mysteries** by Eugenia Cheng

**Numbed!** by David Lubar

**Numbers in Motion: Sophie Kowalevski, Queen of Mathematics** by Laurie Wallmark

**Pass Go and Collect \$200: The Real Story of How Monopoly Was Invented** by Tanya Lee Stone

**The Rookie Bookie** by L. Jon Wertheim and Tobias Moskowitz

**Unusual Chickens for the Exceptional Poultry Farmer** by Kelly Jones

## HALL OF FAME TITLES:

**Alice's Adventures in Wonderland and Through the Looking-Glass, and What Alice Found There** by Lewis Carroll

**The Number Devil: A Mathematical Adventure** by Hans Magnus Enzensberger

**The Phantom Tollbooth** by Norton Juster

**A Wrinkle in Time** by Madeleine L'Engle

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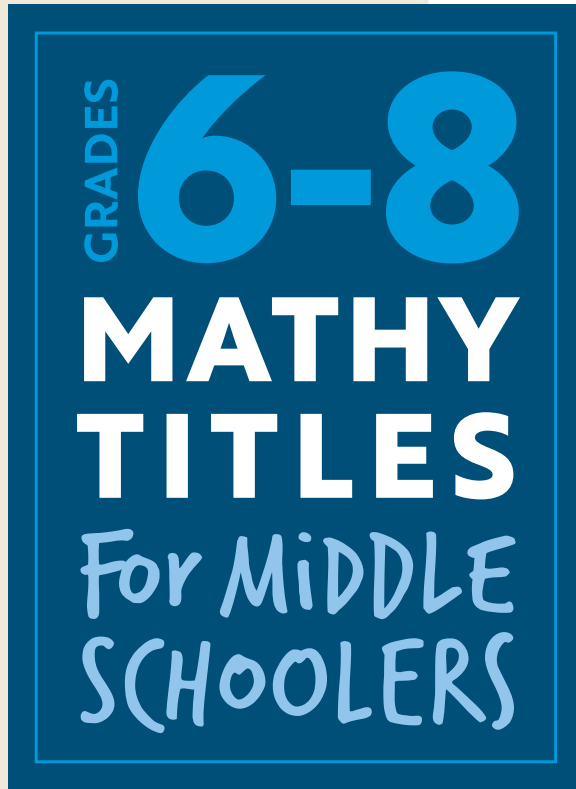
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## GRADES 6-8 WINNERS:

**AfterMath** by Emily Barth Isler

**How We Got to the Moon: The People, Technology, and Daring Feats of Science Behind Humanity's Greatest Adventure**  
by John Rocco

**Mind-Boggling Numbers**  
by Michael J. Rosen

**Really Big Numbers**  
by Richard Evan Schwartz

**To the Moon! The True Story of the American Heroes on the Apollo 8 Spaceship**  
by Jeffrey Kluger and Ruby Shamir

## GRADES 6-8 HONOR TITLES:

**All of the Above** by Shelley Pearsall

**Can You Crack the Code?: A Fascinating History of Ciphers and Cryptography**  
by Ella Schwartz

**Giant Pumpkin Suite** by Melanie Heuser Hill

**The Great Trouble: A Mystery of London, the Blue Death, and a Boy Called Eel**  
by Deborah Hopkinson

**The Ice Castle: An Adventure in Music**  
by Pendred Noyce

**If You Find This** by Matthew Baker

**In the Red** by Christopher Swiedler

**It's a Numbers Game: Baseball**  
by James Buckley, Jr.

**Leonardo da Vinci Gets a Do-Over**  
by Mark P. Friedlander, Jr.

**Mathemagic! Number Tricks**  
by Lynda Colgan

**Much Ado about Baseball**  
by Rajana LaRocca

**Navigating Early** by Clare Vanderpool

**Ruby Redfort: Feel the Fear** by Lauren Child

**Secrets, Lies, and Algebra (Do the Math #1)**  
by Wendy Lichtman

## HALL OF FAME TITLES:

**Alice's Adventures in Wonderland and Through the Looking-Glass, and What Alice Found There**  
by Lewis Carroll

**The Number Devil: A Mathematical Adventure**  
by Hans Magnus Enzensberger

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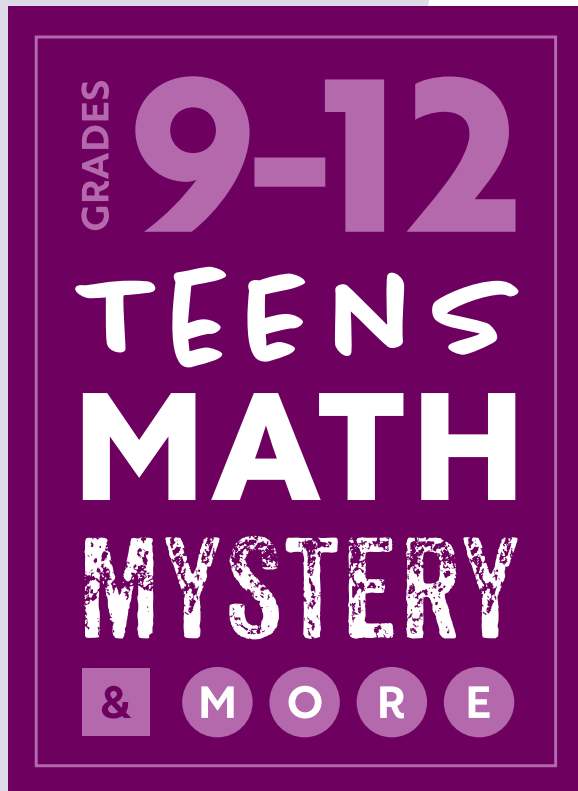


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## GRADES 9-12 WINNERS:

**Genius: The Game** by Leopoldo Gout

**Grasping Mysteries:  
Girls Who Loved Math**  
by Jeannine Atkins

**Nearly Gone** by Elle Cosimano

**Slay** by Brittney Morris

## GRADES 9-12 HONOR TITLES:

**Binti** by Nnedi Okorafor

**David Blackwell and the Deadliest Duel**  
by Robert Black

**Hidden Figures: The American Dream  
and the Untold Story of the  
Black Women Mathematicians  
Who Helped Win the Space Race**  
by Margot Lee Shetterly

**It's a Numberful World:  
How Math Is Hiding Everywhere**  
by Eddie Woo

**Meanwhile** by Jason Shiga

**The Quantum Weirdness of  
the Almost-Kiss**

by Amy Noelle Parks

**The Unknowns** by Benedict Carey

**What Is Relativity?: An Intuitive  
Introduction to Einstein's Ideas,  
and Why They Matter**  
by Jeffrey Bennett

## HALL OF FAME TITLES:

**Alice's Adventures in Wonderland  
and Through the Looking-Glass, and  
What Alice Found There**  
by Lewis Carroll

**The Cat in Numberland**  
Ivar Ekeland

**The Number Devil:  
A Mathematical Adventure**  
by Hans Magnus Enzensberger

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