

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.

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www.mathicalbooks.org

MSRI
Mathematical Sciences Research Institute

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FOUNDATION

IRWIN AND JOAN
JACOBS

NCTE National Council of
Teachers of English

NCTM NATIONAL COUNCIL OF
TEACHERS OF MATHEMATICS

CBC
Children's Book Council

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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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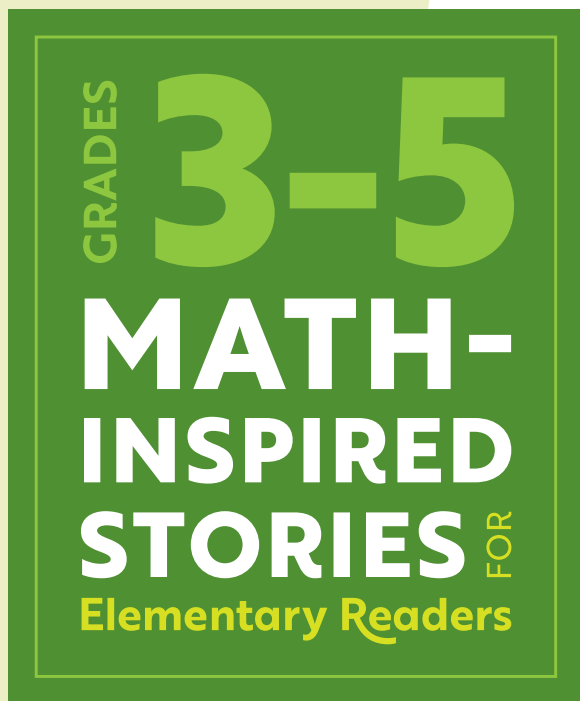
CBC
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GRADES 3-5 WINNERS:

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

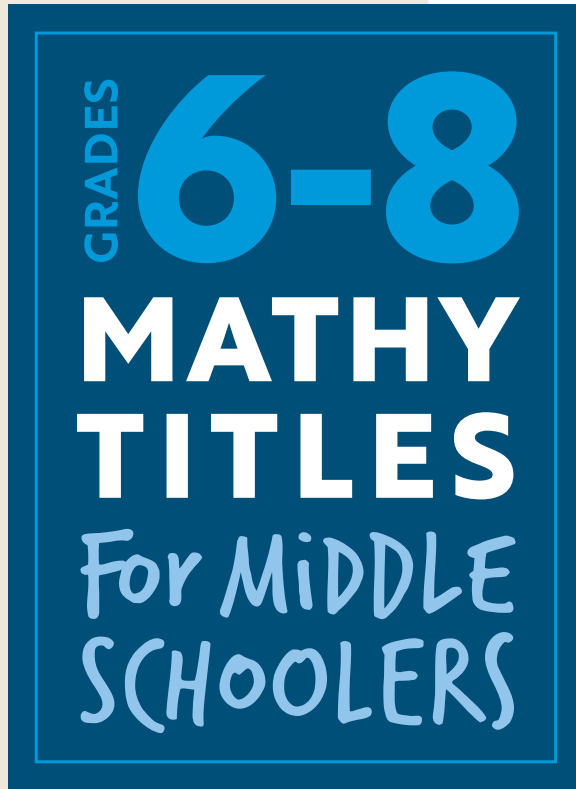
A Wrinkle in Time by Madeleine L'Engle

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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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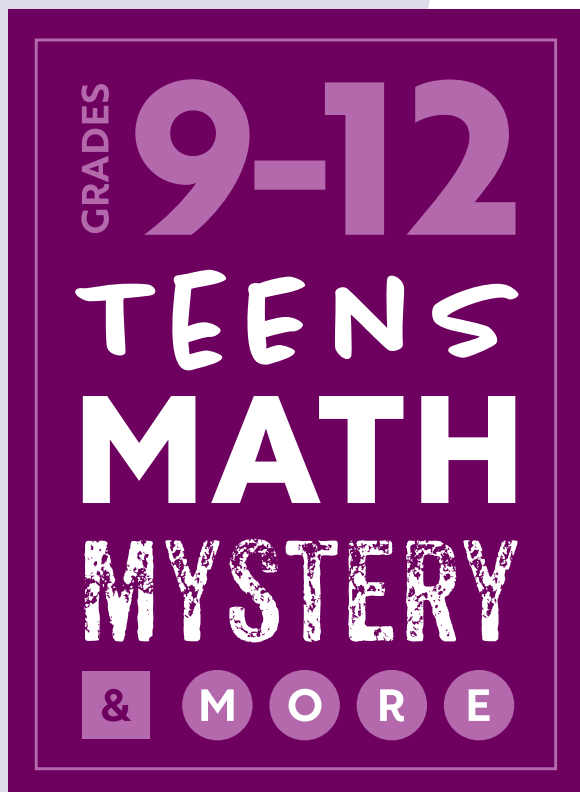


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GRADES 9-12 WINNERS:

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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