

# Science Technology Engineering Arts Math

## Educators' Guide

**STEAM** is an integrated and creative approach to discovering and applying knowledge to solve problems in the real world. Science, Technology, Engineering, Arts, and Math books for students in grades K to 12 can not only deliver background knowledge but also provide context and inspiration to readers. Look inside this brochure to find books designed to challenge students to go beyond their limits.



## Books to Inspire . . .

We do not simply want our students to learn about our world; we want them to learn in ways that motivate them to protect it. We cannot teach our students to solve complex science, engineering, and math problems without inspiring them to experiment. By providing students with an arts education, we facilitate visual learning and encourage creative approaches to find nontraditional solutions. From *Emma and the Whale*, a picture book about one girl's endeavor to save a beached whale, to *Insanely Great: Steve Jobs*, a graphic nonfiction biography of Apple's creator written for young adults, our books inspire creativity and experimentation.

For these reasons, we are proud to showcase fiction and nonfiction books that not only deliver background knowledge but also model the potential uses of science, technology, engineering, arts, and math. STEAM books belong in science and math classrooms as well as in English, social studies, and arts lessons. A comprehensive STEAM education can spark a passion for scientific inquiry and help develop more informed custodians of our planet.

Your friends,

RHCB School & Library Team

## How to Include Arts Education in Science and Math Classrooms

- Help students visualize scientific or mathematic concepts by creating diagrams, collages, dioramas, or other art projects—activities that develop fine motor skills necessary for work in STEAM fields.
- Teach about the environment, recycling, and resources by using recycled materials in crafts projects.
- Use physical movement or song to help students learn and retain key science and math concepts.
- Read fiction and nonfiction books to inspire students with characters and figures who are engaged deeply with science, technology, engineering, arts, and math.

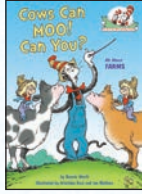




# The Cat in the Hat's Learning Library

Bring concepts to life for beginning readers with Dr. Seuss and The Cat in the Hat's Learning Library—a fun-filled exploration of science and math! For more Dr. Seuss titles, visit [Seussville.com](http://Seussville.com).

## ANIMALS



### Cows Can Moo! Can You?

Bonnie Worth  
Grade PreK-3  
HC: 978-0-399-55524-4  
EL: 978-0-593-12656-1



### Fine Feathered Friends

Tish Rabe; illustrated by Aristides Ruiz  
Grade PreK-3  
HC: 978-0-679-88362-3  
EL: 978-0-593-12657-8



### High? Low? Where Did It Go?

Tish Rabe; illustrated by Aristides Ruiz  
Grade PreK-3  
HC: 978-0-449-81496-3  
EL: 978-0-593-12658-5



### If I Ran the Horse Show

Bonnie Worth; illustrated by Aristides Ruiz and Joe Mathieu  
Grade PreK-3  
HC: 978-0-375-86683-8  
EL: 978-0-593-12663-9



### Is a Camel a Mammal?

Tish Rabe; illustrated by Jim Durk  
Grade PreK-3  
HC: 978-0-679-87302-0  
EL: 978-0-593-12665-3



### If I Ran the Dog Show

Tish Rabe; illustrated by Aristides Ruiz and Joe Mathieu  
Grade PreK-3  
HC: 978-0-375-86682-1  
EL: 978-0-593-12662-2



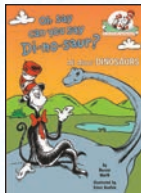
### Miles and Miles of Reptiles

Tish Rabe; illustrated by Aristides Ruiz and Joe Mathieu  
Grade PreK-3  
HC: 978-0-375-82884-3  
EL: 978-0-593-12666-0



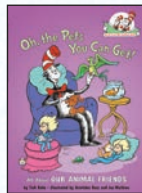
### My, Oh My—a Butterfly!

Tish Rabe; illustrated by Aristides Ruiz and Joe Mathieu  
Grade PreK-3  
HC: 978-0-375-82882-9  
EL: 978-0-593-12667-7



### Oh, Say Can You Say Di-no-saur?

Bonnie Worth  
Grade PreK-3  
HC: 978-0-679-89114-7  
EL: 978-0-593-12645-5



### Oh, the Pets You Can Get!

Tish Rabe; illustrated by Aristides Ruiz and Joe Mathieu  
Grade PreK-3  
HC: 978-0-375-82278-0  
EL: 978-0-593-12647-9



### On Beyond Bugs!

Tish Rabe; illustrated by Aristides Ruiz  
Grade PreK-3  
HC: 978-0-679-87303-7  
EL: 978-0-593-12649-3



### Once upon a Mastodon

Bonnie Worth  
Grade PreK-3  
HC: 978-0-375-87075-0  
EL: 978-0-593-12671-4



### Out of Sight Till Tonight!

Tish Rabe; illustrated by Aristides Ruiz  
Grade PreK-3  
HC: 978-0-375-87076-7  
EL: 978-0-593-12673-8



### A Whale of a Tale!

Bonnie Worth; illustrated by Aristides Ruiz  
Grade PreK-3  
HC: 978-0-375-82279-7  
EL: 978-0-593-12653-0



### What Cat Is That?

Tish Rabe; illustrated by Aristides Ruiz and Joe Mathieu  
Grade PreK-3  
HC: 978-0-375-86640-1  
EL: 978-0-593-12677-6



### Who Hatches the Egg?

Tish Rabe; illustrated by Aristides Ruiz and Joe Mathieu  
Grade PreK-3  
HC: 978-0-449-81498-7  
EL: 978-0-593-12678-3



### Wish for a Fish

Bonnie Worth  
Grade PreK-3  
HC: 978-0-679-89116-1  
EL: 978-0-593-12680-6

## ENVIRONMENT



### Clam-I-Am!

Tish Rabe; illustrated by Aristides Ruiz  
Grade PreK-3  
HC: 978-0-375-82280-3  
EL: 978-0-593-12655-4



### I Can Name 50 Trees Today!

Bonnie Worth; illustrated by Aristides Ruiz and Joe Mathieu  
Grade PreK-3  
HC: 978-0-375-82277-3  
EL: 978-0-593-12660-8



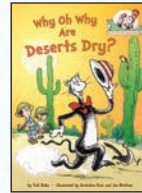
### Oh, Say Can You Seed?

Bonnie Worth; illustrated by Aristides Ruiz  
Grade PreK-3  
HC: 978-0-375-81095-4  
EL: 978-0-593-12669-1



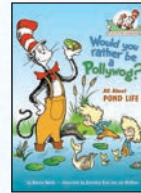
### Safari, So Good!

Bonnie Worth; illustrated by Aristides Ruiz and Joe Mathieu  
Grade PreK-3  
HC: 978-0-375-86681-4  
EL: 978-0-593-12674-5



### Why Oh Why Are Deserts Dry?

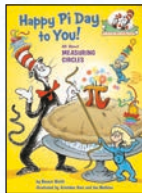
Tish Rabe; illustrated by Aristides Ruiz and Joe Mathieu  
Grade PreK-3  
HC: 978-0-375-85868-0  
EL: 978-0-593-12679-0



### Would You Rather Be a Pollywog?

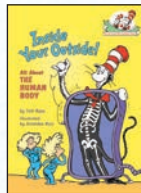
Bonnie Worth; illustrated by Aristides Ruiz  
Grade PreK-3  
HC: 978-0-375-82883-6  
EL: 978-0-593-12681-3

## MATH AND SCIENCE



### Happy Pi Day to You!

Bonnie Worth; illustrated by Aristides Ruiz and Joe Mathieu  
Grade PreK-3  
HC: 978-0-525-57993-9  
GLB: 978-0-593-30140-1  
EL: 978-0-593-30140-1



### Inside Your Outside!

Tish Rabe; illustrated by Aristides Ruiz  
Grade PreK-3  
HC: 978-0-375-81100-5  
EL: 978-0-593-12664-6



### Oh, the Things You Can Do That Are Good for You!

Tish Rabe  
Grade PreK-3  
HC: 978-0-375-81098-5  
EL: 978-0-593-12650-9



### Oh, the Things They Invented!

Bonnie Worth; illustrated by Aristides Ruiz  
Grade PreK-3  
HC: 978-0-449-81497-0  
GLB: 978-0-375-97170-9  
EL: 978-0-593-12670-7



### One Cent, Two Cents, Old Cents, New Cent

Bonnie Worth; illustrated by Aristides Ruiz  
Grade PreK-3  
HC: 978-0-375-82881-2  
EL: 978-0-593-12672-1



### There's No Place Like Space!

Bonnie Worth; illustrated by Aristides Ruiz  
Grade PreK-3  
HC: 978-0-679-89115-4  
EL: 978-0-593-12644-8



### The 100 Hats of the Cat in the Hat

Tish Rabe; illustrated by Aristides Ruiz and Joe Mathieu  
Grade PreK-3  
HC: 978-0-525-57995-3  
GLB: 978-0-525-57996-0  
EL: 978-0-593-12675-2





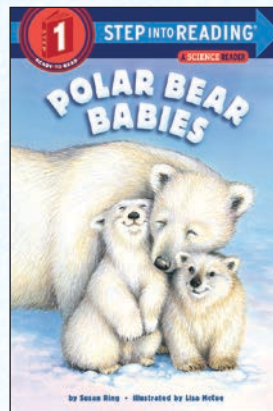
# Step into Reading

They'll learn about the world as they learn to read!  
For more Step into Reading titles, please visit [stepintoreading.com](http://stepintoreading.com)



### Garden Day!

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Susan Ring;  
illustrated by Lisa McCue  
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EL: 978-0-399-55469-8  
Grades PreK-1



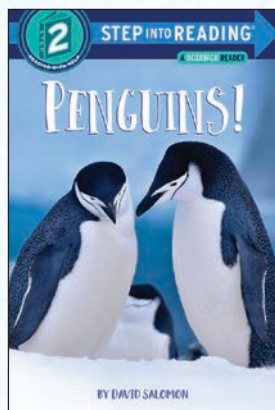
### Mary Clare Likes to Share

Joy N. Hulme;  
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### Honeybees

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Erica S. Perl; illustrated by Michael Slack  
PB: 978-0-525-57879-6  
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Grades K-3



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Scott Kelly; illustrated by André Ceolin  
PB: 978-1-5247-6380-0  
GLB: 978-1-5247-6378-7  
Grades K-3



### The Bravest Dog Ever: The True Story of Balto

Natalie Standiford;  
illustrated by Donald Cook  
PB: 978-0-394-89695-3  
EL: 978-0-307-97886-8  
Grades K-3

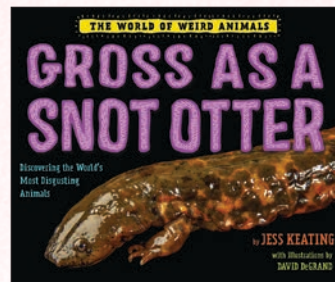




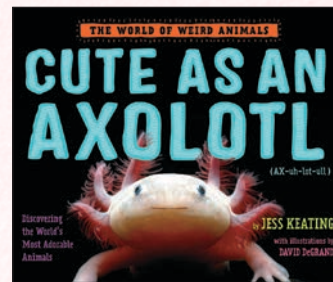
## Explore the world of weird animals in Jess Keating's highly illustrated nonfiction books.



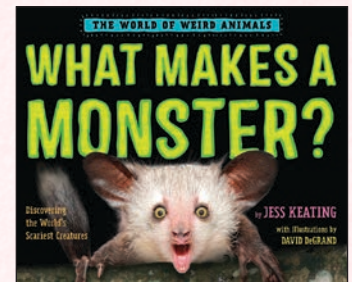
**Pink Is for Blobfish**  
 Jess Keating  
 HC: 978-0-553-51227-4  
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 Grades K-3



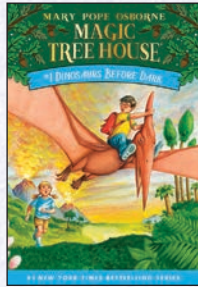
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 Grades K-3



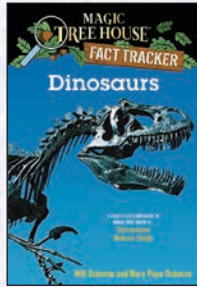
# Chapter-Book Series

Students can't get enough of these chapter-book series that are already widely used in classrooms and include background information on science, technology, engineering, arts, and math.

For more Magic Tree House books, please visit [magictreehouse.com](http://magictreehouse.com)



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Sal Murdocca  
PB: 978-0-375-80296-6  
EL: 978-0-307-97508-9  
Grades 2-5



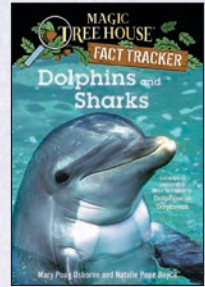
**Midnight on the Moon**  
Mary Pope Osborne;  
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Sal Murdocca  
PB: 978-0-679-86374-8  
GLB: 978-0-679-96374-5  
EL: 9780375894251  
Grades 1-4



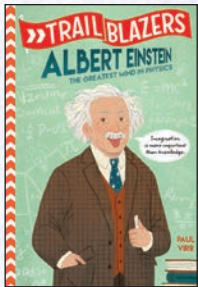
**Space**  
Mary Pope Osborne  
and Will Osborne;  
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Sal Murdocca  
PB: 978-0-375-81356-6  
EL: 978-0-307-97518-8  
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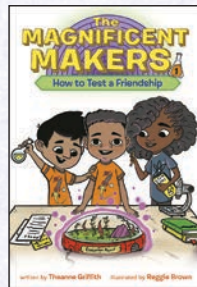
**Trailblazers: Neil Armstrong**  
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GLB: 978-0-593-12402-4  
EL: 978-0-593-12403-1  
Grades 3-7



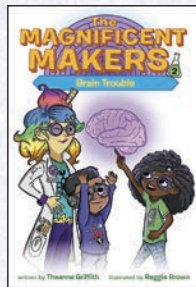
**Trailblazers: Simone Biles**  
Sally J. Morgan  
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GLB: 978-0-593-12453-6  
EL: 978-0-593-12454-3  
Grades 3-7



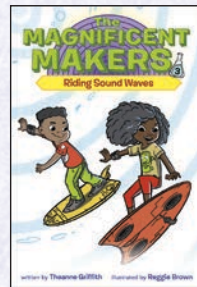
**Trailblazers: Stephen Hawking**  
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PB: 978-0-593-12449-9  
GLB: 978-0-593-12450-5  
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Theanne Griffith;  
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PB: 978-0-593-12301-0  
GLB: 978-0-593-12302-7  
EL: 978-0-593-12309-6  
Grades 2-5



**The Magnificent Makers #3: Riding Sound Waves**  
Theanne Griffith;  
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Reggie Brown  
PB: 978-0-593-12310-2  
GLB: 978-0-593-12311-9  
EL: 978-0-593-12312-6  
Grades 2-5



# Narrative Literature in Science Class

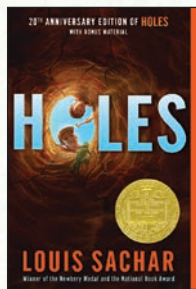
Make science approachable and meaningful for all students.

**Louis Sachar** frames his stories around ecological disasters and interactions between humans and the environment—they are ideal for middle school earth and life science classes.



### Fuzzy Mud

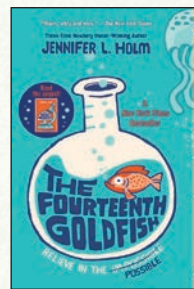
Louis Sachar  
 HC: 978-0-385-74378-5  
 PB: 978-0-385-37022-6  
 GLB: 978-0-375-99129-5  
 EL: 978-0-385-37021-9  
 Grade 5 & Up



### Holes

Louis Sachar  
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**Jennifer Holm's** amusing middle-grade books explore the endless possibilities of science and consider its role in answering philosophic questions.



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Jennifer L. Holm  
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 Grades 3–7



### The Third Mushroom

Jennifer L. Holm  
 HC: 978-1-5247-1980-7  
 PB: 978-1-5247-1983-8  
 GLB: 978-1-5247-1981-4  
 EL: 978-1-5247-1983-8  
 Grades 3–7

**Carl Hiaasen's** middle-grade novels facilitate conversations about environmental impact while also encouraging discussions about bullying, peer pressure, and other middle school–appropriate social topics.



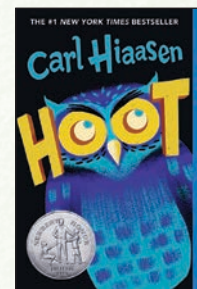
### Chomp

Carl Hiaasen  
 HC: 978-0-375-86842-9  
 PB: 978-0-375-86827-6  
 EL: 978-0-375-89895-2  
 Grade 5 & Up



### Flush

Carl Hiaasen  
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### Hoot

Carl Hiaasen  
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### Scat

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### Skink—No Surrender

Carl Hiaasen  
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 PB: 978-0-307-93059-0  
 GLB: 978-0-375-97051-1  
 EL: 978-0-307-97406-8  
 Grade 5 & Up



### Squirm

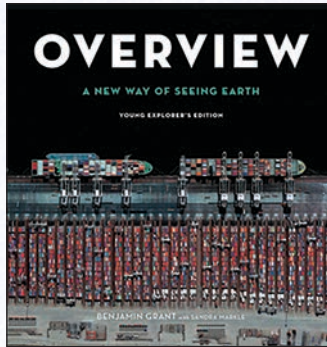
Carl Hiaasen  
 HC: 978-0-385-75297-8  
 PB: 978-0-593-17767-9  
 EL: 978-0-385-75299-2  
 Grade 5 & Up



# Engaging with Environmentalism

This pairing of fiction and nonfiction texts for use in science, language arts, or social studies classrooms explores the effects humans have on their environment.

NONFICTION



## Overview: Young Explorer's Edition

Benjamin Grant and Sandra Markle

HC: 978-1-9848-3202-3

CLB: 978-1-9848-3203-0

EL: 978-1-9848-3204-7

Grades 3–7

In *Overview: Young Explorer's Edition*, extraordinary aerial photographs reveal Earth's natural beauty and show the surprising, fascinating, and destructive ways humans have impacted our environment. This eye-opening visual journey will forever change the way we see our home planet.

FICTION



## The Last Panther

Todd Mitchell

HC: 978-0-399-55558-9

PB: 978-0-399-55561-9

CLB: 978-0-399-55560-2

EL: 978-0-399-55559-6

Grades 3–7

Kiri loves living in the jungle. She spends her mornings working with her conservationist father and her afternoons playing with her friends in the local fishing village. She loves her real and adopted families, but when she discovers a family of panthers, she knows she's the only one who can protect them. The villagers would want to kill them for meat and trade, and her father would put the cats in a zoo. But she can't keep the secret for long, and soon she is fighting to outsmart both her adopted family of villagers and her father.

There has to be some way to save the panther, and for her dad and the villagers to understand each other. If Kiri can't figure it out, she'll lose far more than the panthers—she'll lose the only home she has ever known and the only family she has left.

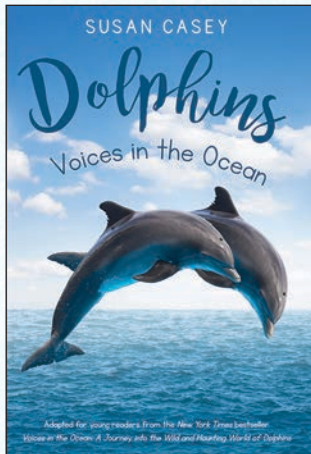




# Marine Life for Middle School

This pairing for science and language arts classrooms investigates marine life and human impact on oceans.

NONFICTION



## Dolphins: Voices in the Ocean

Susan Casey  
HC: 978-1-5247-0085-0  
CLB: 978-1-5247-0086-7  
EL: 978-1-5247-0087-4  
Grade 5 & Up

*Dolphins* is a thrilling journey into the spiritual, scientific, and sometimes threatened world of dolphins. Based on Susan Casey's bestselling adult work *Voices in the Ocean: A Journey into the Wild and Haunting World of Dolphins*, this adaptation for young readers, which includes an eight-page photo insert, explores the extraordinary world of dolphins in an interesting and accessible format that engages as well as entertains.

Inspired by an encounter with a pod of spinner dolphins off the coast of Maui, author Susan Casey embarked on a two-year global adventure to study these remarkable creatures. Casey details the extraordinary connection between dolphins and humans, including shared characteristics such as capacity for emotion, playfulness, sociability, and intelligence; the sophisticated navigation ability innate in dolphins; and the dangers they face from people who aim to profit by putting them in captivity or far worse.

FICTION



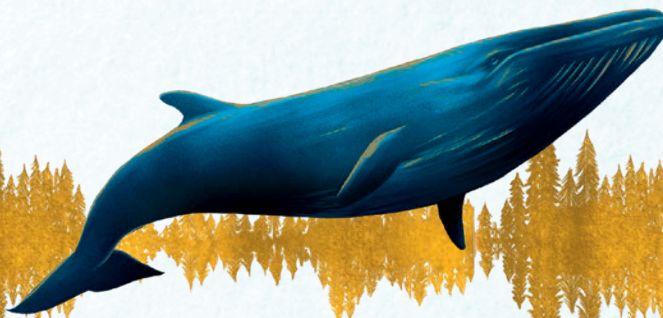
## Song for a Whale

Lynne Kelly  
HC: 978-1-5247-7023-5  
PB: 978-1-5247-7026-6  
CLB: 978-1-5247-7024-2  
EL: 978-1-5247-7025-9  
Grades 3–7

From fixing the class computer to repairing old radios, twelve-year-old Iris is a tech genius. But she's the only deaf person in her school, so people often treat her like she's not very smart. If you've ever felt like no one was listening to you, you know how hard that can be.

When she learns about Blue 55, a real whale who is unable to speak to other whales, Iris understands how he must feel. Then she has an idea: she should invent a way to "sing" to him! But Blue 55 is three thousand miles away. How will she play her song for him?

Full of heart and poignancy, this affecting story by sign language interpreter Lynne Kelly shows how a little determination can make big waves.

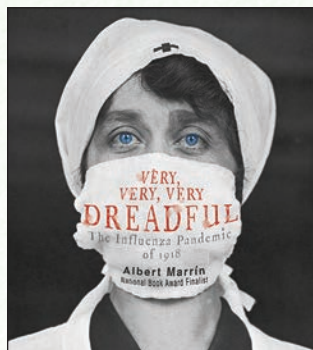




## Science and Society

This pairing is for middle school and high school classrooms studying biology, biomedicine, or societal responses to crises.

NONFICTION



### **Very, Very, Very Dreadful: The Influenza Pandemic of 1918**

Albert Marrin

HC: 978-1-101-93146-2

CLB: 978-1-101-93147-9

EL: 978-1-101-93148-6

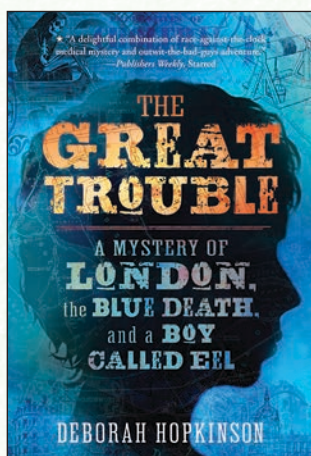
Grade 7 & Up

In this powerful book filled with black-and-white photographs, nonfiction master Albert Marrin examines the history, science, and impact of the 1918 pandemic—and the possibility for another worldwide pandemic.

In spring of 1918, World War I was raging, and troops at Fort Riley, Kansas, found themselves felled by influenza. In the summer of 1918, the second wave struck as a highly contagious and lethal epidemic that within weeks exploded into a pandemic, an illness that travels rapidly from one continent to another. It would impact the course of the war and kill many millions more soldiers than the war itself.

The 1918 flu was a globally devastating illness; not even the Black Death of the Middle Ages comes close in terms of the number of lives lost. No war, no natural disaster, no famine has claimed so many. In the space of eighteen months, about 500 million people—one-third of the global population at the time—came down with influenza. The exact total of deaths will never be known, but the best estimate is between 50 million and 100 million.

FICTION



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

Deborah Hopkinson

PB: 978-0-375-84308-2

EL: 978-0-449-81819-0

Grade 5 & Up

Eel doesn't have an easy life: As an orphan and a mud lark, he spends his days on the banks of the filthy River Thames, searching for bits of things to sell. And he's being hunted by Fisheye Bill Tyler, the nastiest man to ever walk the streets of London. Plus, he's got a secret that costs him four precious shillings a week to keep safe. But even for Eel, things aren't so bad, until one fateful August day in 1854—the day the deadly cholera (the "blue death") comes to Broad Street.

Everyone believes that cholera is spread through poisonous air. But one man, Dr. John Snow, has a different theory. As the epidemic surges, it's up to Eel and his best friend Florrie to gather evidence to prove Dr. Snow's theory—before the entire neighborhood is wiped out.

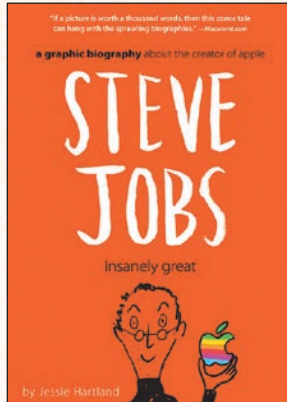




## The Value of a Vision

This pair includes a graphic biography of Steve Jobs and a biography of Vincent van Gogh—nonfiction works for language arts, science, or arts classrooms looking for models of ingenuity.

NONFICTION

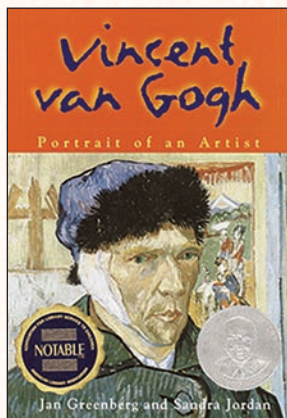


### Insanely Great: Steve Jobs

Jessie Hartland  
HC: 978-0-307-98295-7  
PB: 978-0-307-98298-8  
EL: 978-0-307-98297-1  
Grade 7 & Up

A quick yet comprehensive read, this graphic biography illuminates Steve Jobs's entrepreneurial life in both words and images—from his adoption and childhood spent tinkering to dropping out of college and traveling around India, founding Apple and inventing the iPod and other devices to transforming the music industry to cofounding Pixar Animation, and finally, his untimely death.

NONFICTION

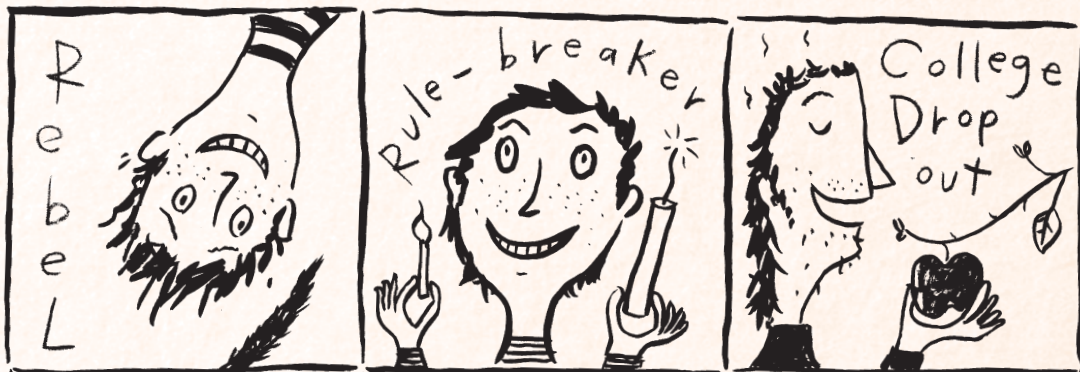


### Vincent van Gogh: Portrait of an Artist

Jan Greenberg and Sandra Jordan  
PB: 978-0-440-41917-4  
EL: 978-0-307-54874-0  
Grade 5 & Up

Vincent van Gogh—one of the nineteenth century's most brilliant artists—will forever be remembered as the Dutchman who pioneered new techniques and styles and who, in a fit of passion, cut off his own ear.

Whether painting a portrait, landscape, or still life, Van Gogh sought to capture the vibrant spirit of his subject. Still, fame eluded him. This lack of recognition over a career spanning a mere decade (from age twenty-seven to thirty-seven) fueled his lifelong self-doubt and bitter disappointment. Today, however, Van Gogh's paintings are recognized as masterpieces, and the tormented Dutchman stands as a giant among artists.





# Science



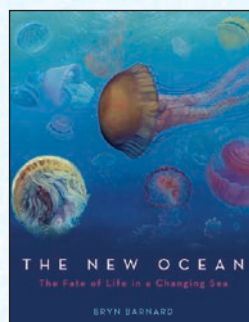
### Compost Stew

Mary McKenna Siddals;  
illustrated by Ashley Wolff  
PB: 978-0-385-75538-2  
Grades PreK–2



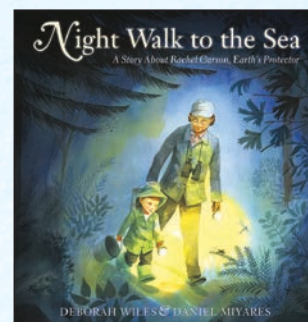
### The Girl Who Named Pluto

Alice B. McGinty;  
illustrated by Elizabeth Haide  
HC: 978-1-5247-6831-7  
GLB: 978-1-5247-6832-4  
EL: 978-1-5247-6833-1  
Grades PreK–3



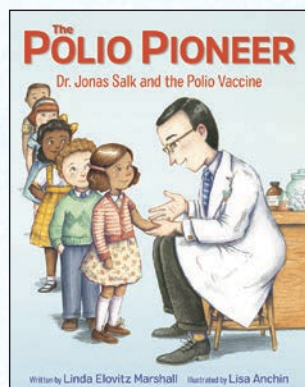
### The New Ocean: The Fate of Life in a Changing Sea

Bryn Barnard  
HC: 978-0-375-87049-1  
GLB: 978-0-375-97049-8  
EL: 978-0-307-97403-7  
Grades K–3



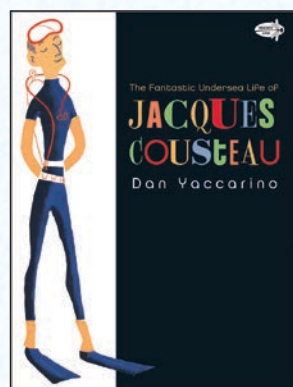
### Night Walk to the Sea

Deborah Wiles;  
illustrated by Daniel Miyares  
HC: 978-1-5247-0147-5  
GLB: 978-1-5247-0148-2  
EL: 978-1-5247-0149-9  
Grades PreK–3



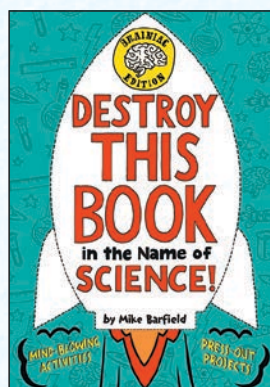
### The Polio Pioneer

Linda Elovitz Marshall;  
illustrated by Lisa Anchin  
HC: 978-0-525-64651-8  
GLB: 978-0-525-64652-5  
EL: 978-0-525-64653-2  
PreK–3



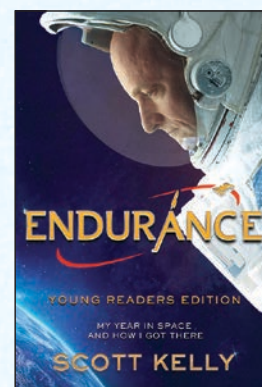
### The Fantastic Undersea Life of Jacques Cousteau

Dan Yaccarino  
PB: 978-0-375-84470-6  
EL: 978-0-375-98755-7  
Grades 1–4



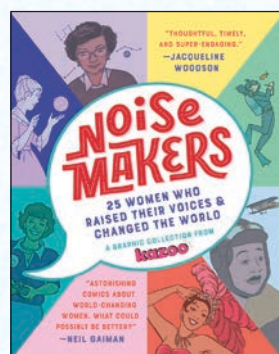
### Destroy This Book in the Name of Science!

Mike Barfield  
PB: 978-1-5247-7194-2  
Grades 2–4



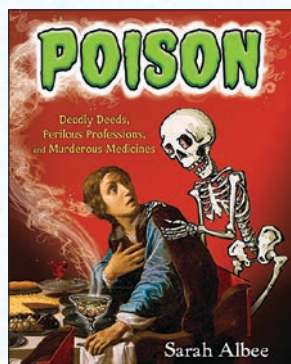
### Endurance: Young Readers' Edition

Scott Kelly  
HC: 978-1-5247-6424-1  
PB: 978-1-5247-6427-2  
GLB: 978-1-5247-6425-8  
EL: 978-1-5247-6426-5  
Grades 3–7



### Noisemakers

Kazoo Magazine; Edited by Erin Bried  
HC: 978-0-525-58017-1  
PB: 978-0-525-58018-8  
EL: 978-0-525-58020-1  
Grades 3–7



### Poison

Sarah Albee  
PB: 978-1-101-93223-0  
GLB: 978-1-101-93224-7  
EL: 978-1-101-93225-4  
Grades 3–7



### Spaceman (Adapted for Young Readers)

Mike Massimino  
HC: 978-0-593-12086-6  
GLB: 978-0-593-12087-3  
EL: 978-0-593-12088-0  
Grades 4–7





## Technology



### Rover Throws a Party

Kristin L. Gray;  
illustrated by Scott Magoon  
HC: 978-0-525-64648-8  
CLB: 978-0-525-64649-5  
EL: 978-0-525-64650-1  
Grades PreK–2



### The Boy Who Invented TV

Kathleen Krull;  
illustrated by Greg Couch  
HC: 978-0-375-84561-1  
PB: 978-0-385-75557-3  
EL: 978-0-375-94561-8  
Grades 1–4



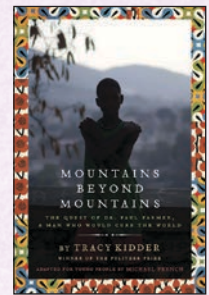
### Apollo 13 (Totally True Adventures)

Kathleen Weidner Zoehfeld;  
illustrated by Wesley Lowe  
PB: 978-0-385-39125-2  
EL: 978-0-385-39127-6  
Grades 2–5



### Frozen in Time

Mark Kurlansky  
PB: 978-0-385-37244-2  
EL: 978-0-385-37243-5  
Grade 5 and Up



### Mountains Beyond Mountains (Adapted for Young People)

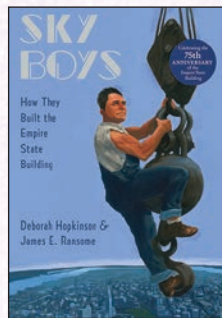
Tracy Kidder and  
Michael French  
PB: 978-0-385-74319-8  
EL: 978-0-307-98088-5  
Grade 7 and Up

## Engineering



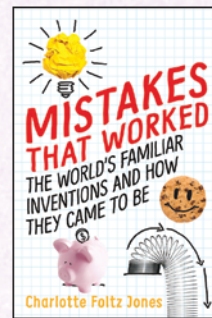
### Kate, Who Tamed the Wind

Liz Garton Scanlon;  
illustrated Lee White  
HC: 978-1-101-93479-1  
CLB: 978-1-101-93481-4  
EL: 978-1-101-93480-7  
Grades PreK–3



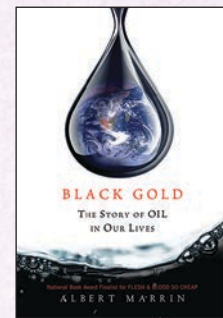
### Sky Boys: How They Built the Empire State Building

Deborah Hopkinson;  
illustrated by James E. Ransome  
PB: 978-0-375-8654-1  
EL: 978-0-307-98321-3  
Grades PreK–3



### Mistakes That Worked

Charlotte Foltz Jones; illustrated by  
John O'Brien  
HC: 978-0-399-55202-1  
PB: 978-0-385-32043-6  
EL: 978-0-307-55798-8  
Grades 3–7



### Black Gold

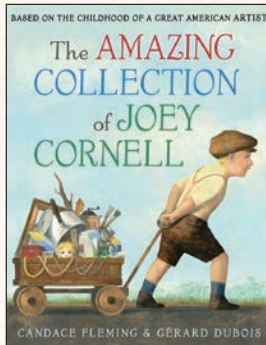
Albert Marrin  
PB: 978-0-375-85968-7  
EL: 978-0-375-89686-6  
Grade 7 and Up







## Arts



### The Amazing Collection of Joey Cornell

Candace Fleming; Illustrated by Gérard Dubois  
HC: 978-0-399-55238-0  
GLB: 978-0-399-55239-7  
EL: 978-0-399-55240-3



### The Noisy Paint Box: The Colors and Sounds of Kandinsky's Abstract Art

Barb Rosenstock; illustrated by Mary Grandpré  
HC: 978-0-307-97848-6  
GLB: 978-0-307-97849-3  
EL: 978-0-307-97850-9  
Grades PreK–3



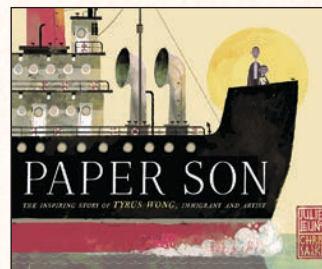
### Through the Window: Views of Marc Chagall's Life and Art

Barb Rosenstock;  
illustrated by Mary Grandpré  
HC: 978-1-5247-1751-3  
GLB: 978-1-5247-1753-7  
EL: 978-1-5247-1752-0  
Grades PreK–3



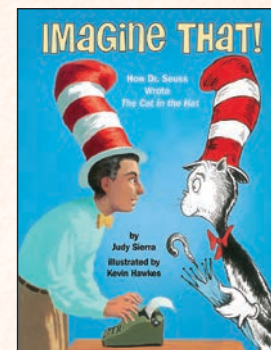
### Vincent Can't Sleep: Van Gogh Paints the Night Sky

Barb Rosenstock; illustrated by Mary Grandpré  
HC: 978-1-101-93710-5  
GLB: 978-1-101-93711-2  
EL: 978-1-101-93712-9  
Grades PreK–3



### Paper Son: The Inspiring Story of Tyrus Wong, Immigrant and Artist

Julie Leung; illustrated by Chris Sasaki  
HC: 978-1-5247-7187-4  
GLB: 978-1-5247-7188-1  
EL: 978-1-5247-7189-8  
Grades PreK–3



### Imagine That! How Dr. Seuss Wrote *The Cat in the Hat*

Judy Sierra;  
illustrated by Kevin Hawkes  
HC: 978-0-553-51097-3  
GLB: 978-0-375-97429-8  
EL: 978-0-553-51098-0  
Grades PreK–2



### Boys of Steel: The Creators of Superman

Marc Tyler Nobleman;  
illustrated by Ross Macdonald  
PB: 978-0-449-81063-7  
EL: 978-0-449-81064-4  
Grades 1–4



### Doodleville

Chad Sell  
HC: 978-1-9848-9470-0  
PB: 978-1-9848-9471-7  
GLB: 978-0-593-12682-0  
EL: 978-1-9848-9472-4  
Grades 3–7



### The Seventh Most Important Thing

Shelley Pearsall  
PB: 978-0-553-49731-1  
GLB: 978-0-553-49729-8  
Grade 5 & Up

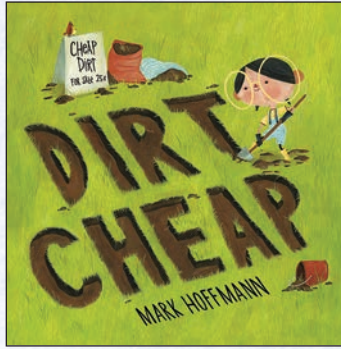


## Math



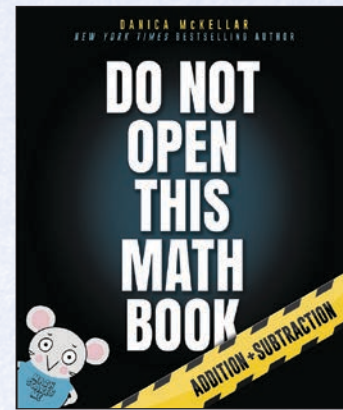
### Ten Magic Butterflies

Danica McKellar  
 HC: 978-1-101-93382-4  
 GLB: 978-1-101-93383-1  
 EL: 978-1-101-93385-5  
 Grades PreK-1



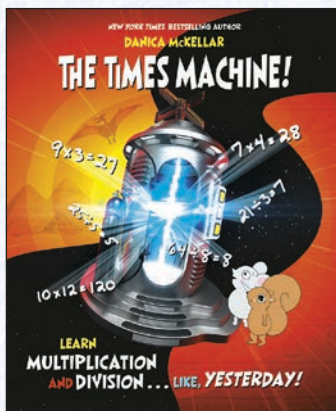
### Dirt Cheap

Mark Hoffmann  
 HC: 978-1-5247-1994-4  
 GLB: 978-1-5247-1995-1  
 EL: 978-1-5247-1996-8  
 Grades PreK-2



### Do Not Open This Math Book

Danica McKellar  
 PB: 978-1-101-93398-5  
 GLB: 978-1-101-93399-2  
 EL: 978-1-101-93400-5  
 Grades 1-4



### The Times Machine!

Danica McKellar  
 PB: 978-1-101-93402-9  
 GLB: 978-1-101-93403-6  
 EL: 978-1-101-93404-3  
 Grades 2-5



### A Grain of Rice

Helena Clare Pittman  
 HC: 978-1-5247-6552-1  
 EL: 978-1-5247-6553-8  
 Grades 3-7



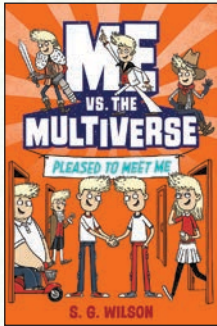
### Girls Who Run the World: 31 CEOs Who Mean Business

Diana Kapp; illustrated by Bijou Karman  
 HC: 978-1-9848-9305-5  
 GLB: 978-0-593-11907-5  
 EL: 978-1-9848-9306-2  
 All Grades





## Middle-Grade Sci-Fi



### Me vs. the Multiverse: Pleased to Meet Me

S. G. Wilson  
HC: 978-1-9848-9575-2  
GLB: 978-1-9848-9576-9  
EL: 978-1-9848-9577-6  
Grades 3-7



### Two Girls, a Clock, and a Crooked House

Michael Poore  
HC: 978-0-525-64416-3  
GLB: 978-0-525-64417-0  
EL: 978-0-525-64418-7  
Grades 3-7



### The Longest Night of Charlie Noon

Christopher Edge  
HC: 978-0-593-17308-4  
EL: 978-0-593-17310-7  
Grades 4-7



### The Infinite Lives of Maisie Day

Christopher Edge  
HC: 978-0-525-64640-2  
EL: 978-0-525-64642-6  
Grades 4-7



### First Light

Rebecca Stead  
PB: 978-0-440-42222-8  
EL: 978-0-307-49547-1  
Grades 3-7

## Young Adult Sci-Fi



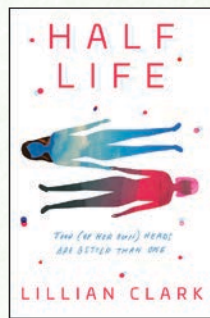
### LIFE LINKS

Jay Kristoff  
HC: 978-1-5247-1392-8  
GLB: 978-1-5247-1395-9  
EL: 978-1-5247-1394-2  
Grade 7 and Up



### Aurora Rising

Amie Kaufman and Jay  
Kristoff  
HC: 978-1-5247-2096-4  
GLB: 978-1-5247-2097-1  
EL: 978-1-5247-2098-8  
Grade 7 and Up



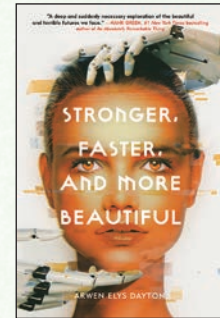
### Half Life

Lillian Clark  
HC: 978-0-525-58050-8  
GLB: 978-0-525-58051-5  
EL: 978-0-525-58052-2  
Grade 7 & Up



### Hullmetal Girls

Emily Skrutskie  
HC: 978-1-5247-7019-8  
EL: 978-1-5247-7021-1  
Grade 9 and Up



### Stronger, Faster, and More Beautiful

Arwen Elys Dayton  
HC: 978-0-525-58095-9  
PB: 978-0-525-58098-0  
EL: 978-0-525-58097-3  
Grade 9 and Up

## Middle-Grade Cli-Fi



### Hello from Renn Lake

Michele Weber Hurwitz  
HC: 978-1-9848-9632-2  
GLB: 978-1-9848-9633-9  
EL: 978-1-9848-9634-6  
Grades 3-7



### Storm Blown

Nick Courage  
HC: 978-0-525-64596-2  
GLB: 978-0-525-64599-3  
EL: 978-0-525-64597-9  
Grades 4-7



### Bloom

Kenneth Oppel  
HC: 978-1-5247-7300-7  
GLB: 978-1-5247-7301-4  
EL: 978-1-5247-7302-1  
Grade 5 & Up



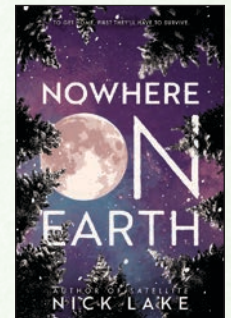
### Bright Shining World

Josh Swiller  
HC: 978-0-593-11957-0  
GLB: 978-0-593-11958-7  
EL: 978-0-593-11959-4  
Grade 7 and Up



### The Gone Away Place

Christopher Barzak  
HC: 978-0-399-55609-8  
GLB: 978-0-399-55610-4  
EL: 978-0-399-55611-1  
Grade 9 and Up



### Nowhere on Earth

Nick Lake  
HC: 978-1-9848-9644-5  
GLB: 978-1-9848-9645-2  
EL: 978-1-9848-9646-9  
Grade 7 and Up

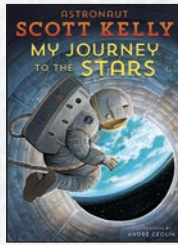


## Outstanding Science Trade Books List— National Science Teacher Association & Children’s Book Council

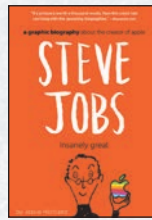
The books that appear on this list were selected as outstanding children’s science trade books. They provide traditional science content, along with elements of engineering and design.



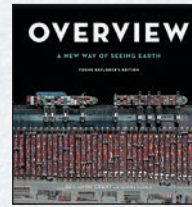
2018 Selection



2018 Selection



2018 Selection



2019 Selection

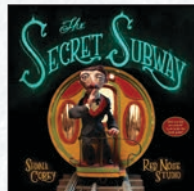
## Best STEM Books List—

### National Science Teacher Association & Children’s Books Council

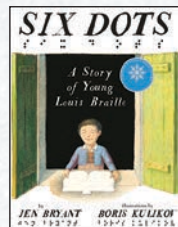
This list provides recommendations to educators, librarians, parents, and caregivers about the best trade books with STEM content. They provide traditional science content, along with elements of engineering and design.



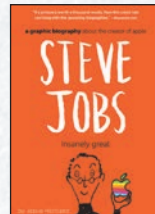
2017 Selection



2017 Selection



2017 Selection



2017 Selection



2017 Selection



2019 Selection



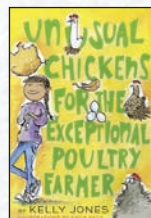
2019 Selection

## Mathical Book Prize—Mathematical Sciences Research Institute

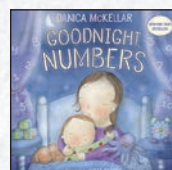
The Mathical Book Prize is an annual award for fiction and nonfiction books that inspire children of all ages to see math in the world around them.



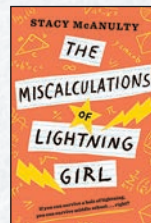
2016 Honor



2016 Honor



2018 Honor



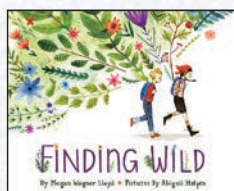
2019 Winner



2020 Winner

## Green Earth Book Award—The Nature Generation

This is the nation’s first environmental stewardship book award given to authors and illustrators in the categories of picture books, children’s fiction, young adult fiction, children’s nonfiction, and young adult nonfiction.



2017 Honor



2017 Honor



2017 Honor



2018 Honor

