

UPCOMING AND AVAILABLE TITLES

The logo for mit Kids Press features a stylized icon on the left consisting of four horizontal bars in yellow, blue, red, and green. To the right of this icon, the text "mit Kids Press" is written in a white, sans-serif font. The word "mit" is in lowercase, while "Kids Press" is in title case. There are small yellow dots above the 'i' in "mit" and the 's' in "Press".

mit Kids Press

The logo for MiTeenPress features a stylized icon on the left consisting of four horizontal bars in yellow, blue, red, and green. To the right of this icon, the text "MiTeenPress" is written in a white, sans-serif font. The word "Mi" is in title case, "Teen" is in title case, and "Press" is in title case. There is a small blue dot above the 'i' in "Mi".

MiTeenPress

Imprints of Candlewick Press

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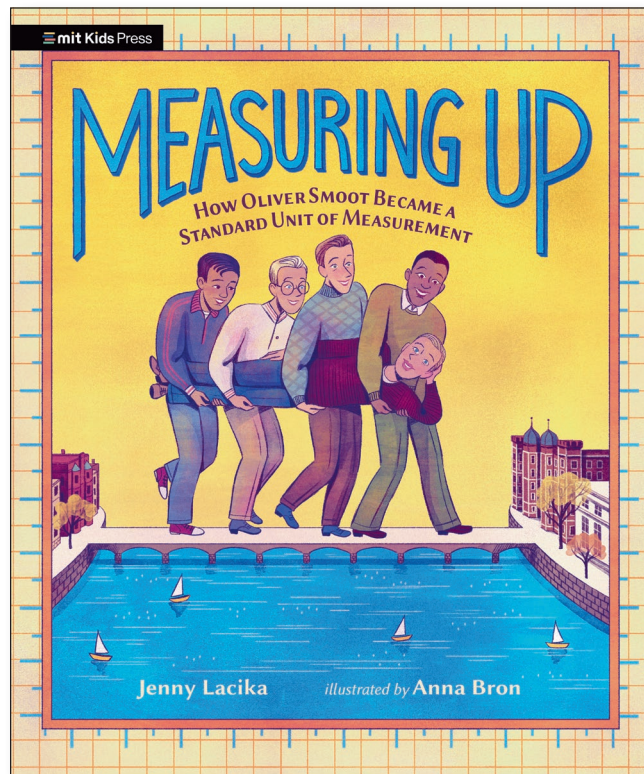
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COMING FALL 2025

COMING FALL 2025



HC: 9781536230123
\$18.99 (\$24.99 CAN)
Also available as an e-book
Ages 5-8

Jenny Lacika is a graduate of MIT and author of the Mathical Award winner *Again, Essie?*, illustrated by Teresa Martínez. As a student, she crossed the bridge between Boston and Cambridge countless times. She measures about 0.96 smoots in height and now lives more than 2 million smoots away from the bridge, in New Mexico.

Anna Bron is the illustrator of *The Five Sides of Marjorie Rice: How to Discover a Shape* by Amy Alznauer, *No Horses in the House!* by Mireille Messier, and the Salma series by Danny Ramadan. She is also an animation director who has worked on Emmy- and Oscar-nominated projects, including short films and commercials. Anna Bron lives in Canada.

Measuring Up: How Oliver Smoot Became a Standard Unit of Measurement

Aenny Lacika
illustrated by Anna Bron

Could you be the next smoot? One MIT student's diminutive height becomes his mathematical superpower—and claim to fame—in a true story that's entertaining and inspiring in equal measure.

When the five-foot-seven-inch Oliver Smoot and his friends at MIT decided to play a practical joke, he drew the short straw—and was selected to be the measurement device to carry it out. The task? Measuring the length of a bridge, one lying-down Oliver Smoot at a time. Author Jenny Lacika playfully introduces the idea of nonstandard measurement in this story about the creation of a new unit: the smoot. Anna Bron captures the hijinks of college kids having some fun, getting into trouble, and in the end, making math history. *Measuring Up* invites readers over to the sillier side of mathematics and encourages them to play with measurement in their own lives. As for the smoot? This unorthodox unit of measure is now cemented into history, in sidewalk markings on a certain Cambridge-to-Boston bridge. Find out more about smoots, MIT pranks, unusual measurements, and further reading in the back matter.



HC: 9781536225280
\$18.99 (\$24.99 CAN)
Also available as an e-book
Ages 5-9

Ainissa Ramirez dreamed of becoming a scientist since she was a little girl. She got the idea after seeing an African American girl solve problems on a television show called *3-2-1 Contact*. In that moment, Ainissa saw her reflection. She later earned her doctorate in materials science from Stanford and worked at Bell Labs, where she met Jim West. She wrote this book—the first of a planned trilogy about Black innovators—so that others can see their reflections in science, too. You can find out more about Ainissa Ramirez at www.ainissaramirez.com.

Setor Fiadzigbey is an illustrator, artist, art director, and concept artist. Originally from Ghana, he studied science and engineering before realizing he wanted to be an artist. Since then, he has illustrated *Nic Blake and the Remarkables* by Angie Thomas, *Bunheads* by Misty Copeland, and *Epic Athletes: LeBron James* by Dan Wetzel.

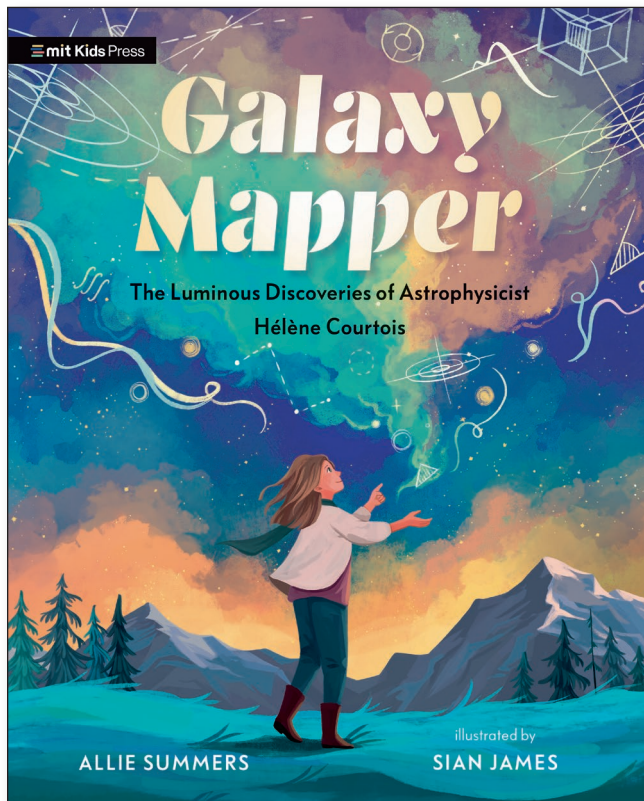
Spark: Jim West's Electrifying Adventures in Creating the Microphone

Ainissa Ramirez
illustrated by Setor Fiadzigbey

In this first picture book in the Black Innovators series, meet the insatiably curious Jim West, who invented a vital piece of the device we all carry in our pockets—transforming how the world communicates today.

Young Jim West loves to pull apart whatever electronics he can get his hands on to see how they work. Those around him say there's no path for a kid like him to become a scientist, but Jim is determined to forge his own way. His knack for all things electric (and luck in landing a summer job offering the freedom to experiment) lead him to invent an important part of the devices we rely on every day. In this picture book biography for science lovers, future inventors, and anyone aiming to inspire the next generation, author Ainissa Ramirez shares the story of the man who patented the foil-electret microphone, a unit integral to everything from cell phones to hearing aids. Just as Jim West's advocacy for more diversity in the field paved the way for many scientists of color to follow, *Spark* inspires readers of all ages to follow their curiosity—and see what it ignites. Back matter provides an author's note, a time line, a bibliography, and more information on the life and work of Jim West. Measurements, and further reading in the back matter.





HC: 9781536228977

\$18.99 (\$24.99 CAN)

Also available as an e-book

Ages 5-9

Allie Summers is the author of the picture book *Gorilla Gardeners*, illustrated by Lidia Steiner. She is fascinated by the fact that most of the elements in our human bodies were formed in stars billions of years ago. When she is not writing, Allie Summers can be found outside: running, surfing, foraging, climbing, roller-skating, or stargazing. She lives with her family in the Laniakea supercluster, on a small blue planet called Earth, in a town known as San Francisco.

Sian James is an illustrator and an early medieval archaeologist. Born and raised in Hong Kong, she has been drawing ever since she was able to pick up a pen. When she is not creating art, she loves reading fantasy novels, volunteering in museums, and drinking too much tea. Sian James lives in Cambridge, England, with her husband and cats.

COMING FALL 2025

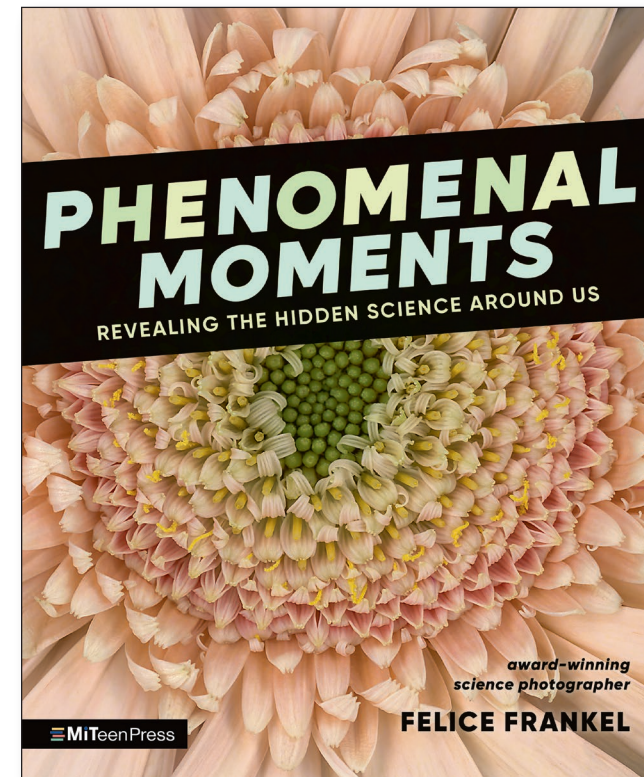
Galaxy Mapper The Luminous Discoveries of Astrophysicist Hélène Courtois

Allie Summers
illustrated by Sian James

Introducing our luminous address in the universe—and the determined woman scientist who mapped it with her team.

Growing up in a small French village, Hélène Courtois had big questions about the world around her. Avidly, she observed the trails, roads, and water pathways traversing planet Earth; but her mind always wandered higher, toward the night sky. What would a map of “out there,” beyond the moon, look like? The question traveled with her to university, where curious Hélène—often the only woman in her science classes—learned to map the compositions of galaxies. Numbers swam with the stars in her brain, and after years of wonder and experimentation, Hélène and her team make a dazzling discovery—a supercluster of galaxies they name Laniakea, home to our very own Milky Way. With fascinating back matter, illustrations that shine on the page, and a lyrical text written in consultation with astrophysicist Hélène Courtois—who continues to illuminate our view of the cosmic landscape—this portrait of a contemporary female scientist will light up young minds and inspire future sky gazers and galaxy mappers to look up and dream large.

COMING FALL 2025



HC: 9781536234893

\$21.99 (\$29.99 CAN)

Also available as an e-book

Age 12 and up

Felice C. Frankel is a research scientist at the Massachusetts Institute of Technology in the department of Chemical Engineering with additional support from Mechanical Engineering. She joined MIT in 1994. She is a fellow of the American Association for the Advancement of Science and was awarded a Guggenheim Fellowship. She was previously a senior research fellow in Harvard University’s Faculty of Arts and Sciences in the Initiative for Innovative Computing and a visiting scholar at Harvard Medical School’s Department of Systems Biology. She’s the author of six books of science photography, including *Picturing Science and Engineering*. She has been covered in *Nature*, *Science*, *Physics Today*, *National Geographic*, and other science media. This is her first book for young readers. She lives Massachusetts.

Phenomenal Moments: Revealing the Hidden Science Around Us

Felice Frankel

Visual learners rejoice! A world-renowned photographer imagines the intersection of art, science, and the ordinary-extraordinary world around us in a stunning work of interactive nonfiction.

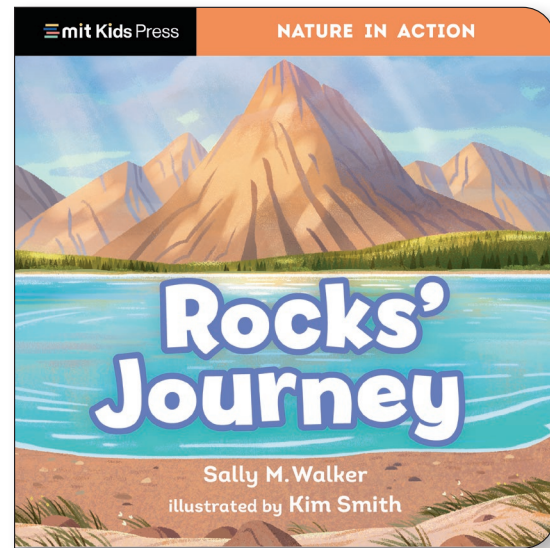
Enlisting readers to “be the scientist” through vivid fine-art photographs, internationally acclaimed science photographer Felice Frankel zooms in and out on beautiful and brilliant moments all around us to reveal the chemical, natural, or physical processes—from viscosity and venation to chlorophyll and capillary action—behind scientific phenomena. Organized into five thematic sections that explore light and shadow, form, surfaces, traces left behind, and transformation, this ingenious book is both a visual feast to savor in its own right and a guessing game that trains readers to look in a more layered, curious, and questioning way. Close-up spreads offer abstract clues to phenomena revealed at the page turn. Full-color images of similar scientific “moments” broaden context. Sophisticated and inspiring, this invitation to engage with and understand our surroundings—the worlds we can see and the worlds we can’t—is a ticket to everyday wonder.



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NATURE IN ACTION



BB: 9781536229080

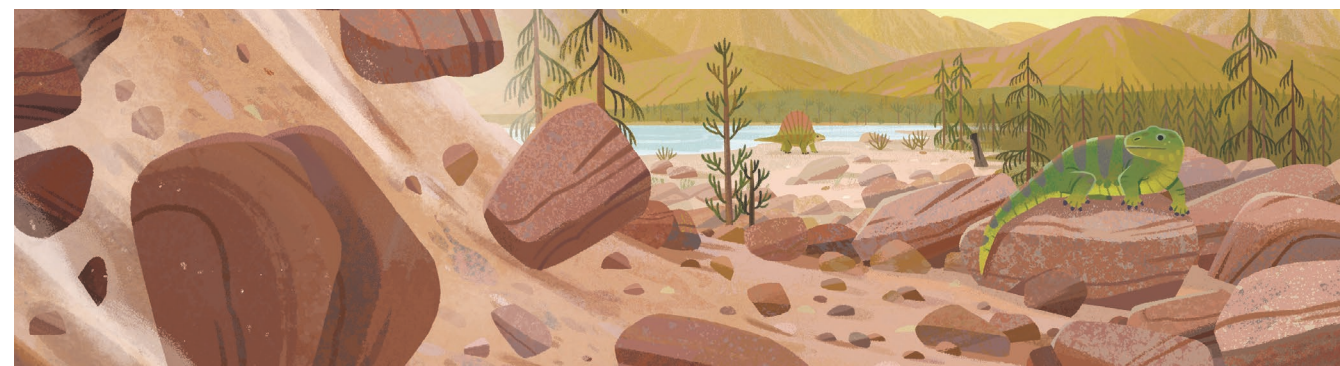
\$7.99 (\$10.99 CAN)

Also available as an e-book

Ages 0-3

Sally M. Walker is the award-winning author of more than sixty books for children, including the picture books *Out of This World: Star-Studded Haiku*, illustrated by Matthew Trueman, and *Trees: Haiku from Roots to Leaves*, illustrated by Angela McKay. She is also the author of *Underground Fire: Hope, Sacrifice, and Courage in the Cherry Mine Disaster* and *Champion: The Comeback Tale of the American Chestnut Tree*, an Orbis Pictus Honor Book. Sally M. Walker lives in Illinois.

Kim Smith is the *New York Times* best-selling illustrator of more than thirty picture books, including her first book as author-illustrator, *Boxitects*. In addition, she has worked on children's games, puzzles, animation, 3D displays, posters, and magazines. When she's not busy illustrating, she spends time exploring and painting in the great outdoors. Kim Smith lives in Calgary, Canada.



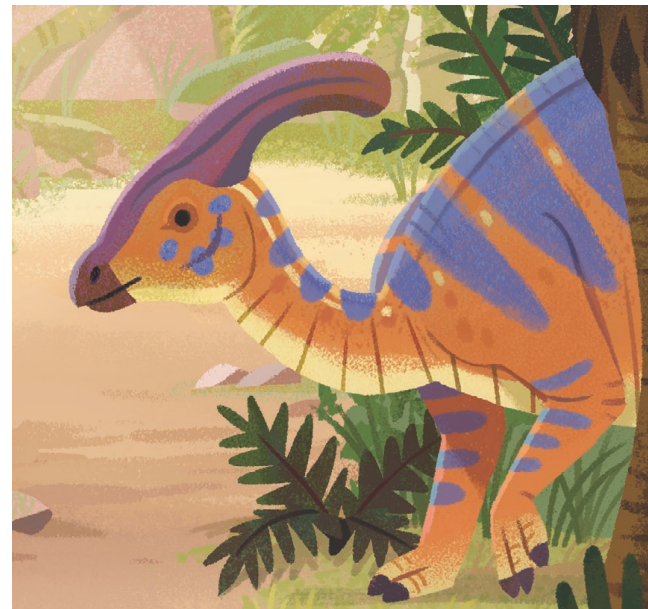
Rock's Journey

Sally M. Walker

illustrated by Kim Smith

Rolling boulders here and there . . .

Mighty mountains reach up high, until craggy cliffs tumble and boulders settle everywhere. But how do big, jagged rocks turn into the soft sand we love at the beach? Step by step, Sally M. Walker's simple, scientifically accurate narration lets the youngest geologists learn how rocks weather over time, transforming from cobbles to pebbles to the tiniest grains of sand. Kim Smith's lush landscapes capture a wide range of fauna over geologic time, from dinosaurs and mammoths to bunnies and gulls. A note to parents suggests bringing the learning to life by encouraging questions and observations of the natural world.



BB: 9781536229073

\$7.99 (\$10.99 CAN)

Also available as an e-book

Ages 0-3

River's Journey

Sally M. Walker

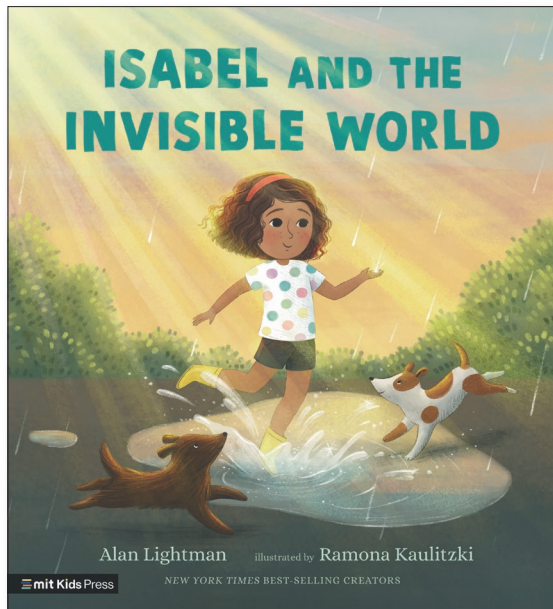
illustrated by Kim Smith

River flowing, where's it going?

Water springs from the ground, creeks gurgle downhill, snow and rain make streams bigger, and then you have a river. But where does that river go? Step by step, Sally M. Walker's simple, scientifically accurate narration lets the youngest hydrologists follow water's movement from high land to the ocean, changing from a trickle to a torrent along the way. At each juncture comes the refrain: where's it going? Kim Smith's lush landscapes capture the water in motion and fauna nearby, from wading moose to leaping fish. A note to parents suggests bringing the learning to life by encouraging questions and observations of the natural world.



ACCLAIMED PICTURE BOOKS FROM BELOVED PHYSICIST AND AUTHOR ALAN LIGHTMAN



HC: 9781536223330
 \$18.99 (\$24.99 CAN)
 PB: 9781536233858
 \$8.99 (\$11.99 CAN)
 Also available as an e-book
 Ages 4–6

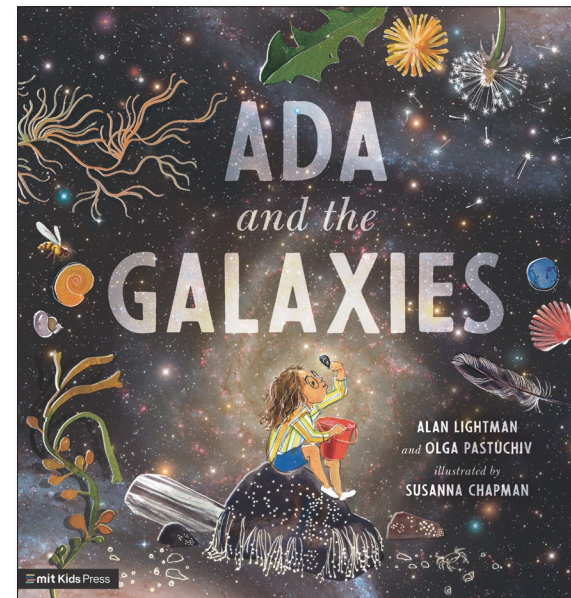
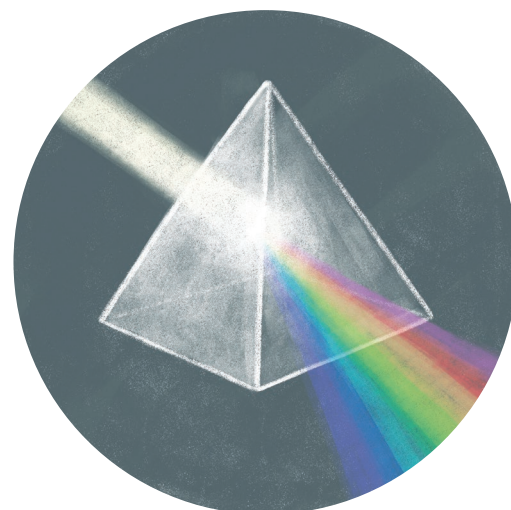
Isabel and the Invisible World

Alan Lightman
 illustrated by Ramona Kaulitzki

Renowned physicist Alan Lightman, author of *Ada and the Galaxies*, turns his focus to light waves in a second story for children.

“This simple but effective introduction to portions of the electromagnetic spectrum is physicist Lightman’s second science-inspired book for children. As in *Ada and the Galaxies*, cowritten by Olga Pastuchiv and illustrated by Susanna Chapman, he emphasizes the wonders that science can reveal, nicely ending his narrative with Isabel wondering about other invisible things. . . . Invisibly and effectively instructive.” —*Kirkus Reviews*

“Softly rendered digital art not only sets a playful tone but offers plenty of hints about light and prisms to find before and after reading, from streaming sunlight to stained-glass windows to rainbows in confetti, cakes, and Isabel’s birthday posters. . . . A charming, breezy introduction to STEM basics.” —*Booklist*

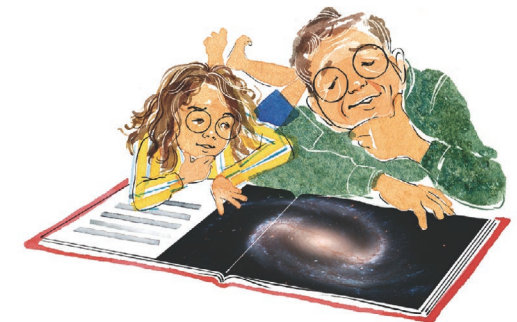


HC: 9781536215618
 \$17.99 (\$23.99 CAN)
 PB: 9781536228632
 \$8.99 (\$11.99 CAN)
 Also available as an e-book
 Ages 4–8

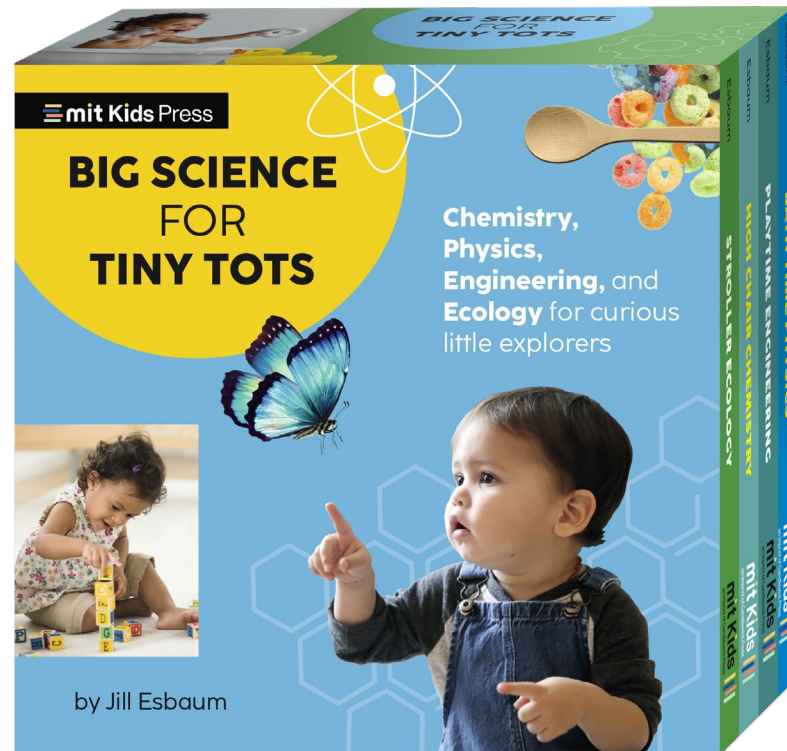
Ada and the Galaxies

Alan Lightman and Olga Pastuchiv
 illustrated by Susanna Chapman

- ★ “Young readers will delight in seeing our universe’s interconnectedness, and, later, when Ada’s family dashes outside to spin in starlight, they will recognize the inextricable bonds among loved ones.” —*Kirkus Reviews* (starred review)
- ★ “Chapman has refined a loose-lined wash style that draws power from glowing light sources, creating night skies that glitter and seawater that sparkles.” —*Publishers Weekly* (starred review)
- ★ “A joyful and dazzling exploration of our universe, on every scale.” —*Booklist* (starred review)



THE PERFECT GIFT FOR CURIOUS BABIES, TODDLERS, AND THEIR GROWN-UPS



Boxed set: 9781536232462
\$35.96 (\$47.96 CAN)
Ages 1–3

Also available individually



Bath Time Physics

BB: 9781536229653
\$8.99 (\$11.99 CAN)
Also available as an e-book



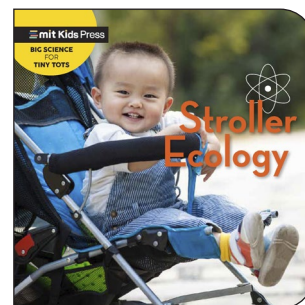
High Chair Chemistry

BB: 9781536229660
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Playtime Engineering

BB: 9781536230963
\$8.99 (\$11.99 CAN)
Also available as an e-book



Stroller Ecology

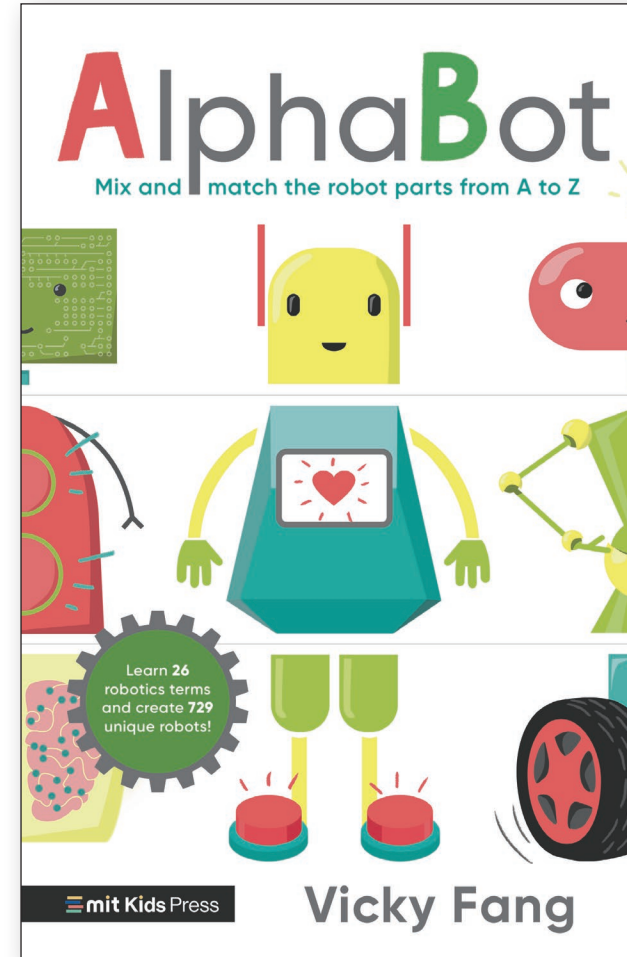
BB: 9781536230956
\$8.99 (\$11.99 CAN)
Also available as an e-book

Big Science for Tiny Tots Four-Book Collection

Jill Esbaum

Prime your young Einstein to explore the exciting world around them with a quartet of books on big science made just right for little ones—four books in one boxed set!

From the high chair to the stroller, playtime to bath time, the whole world is a lab for your little scientist. Why wait for college when you can teach your toddler advanced science as you go about your day? Basic concepts of chemistry, physics, engineering, and ecology await in this fun, funny, and inspiring boxed set.



HC: 9781536226539
\$14.99 (\$19.99 CAN)
Ages 3–7

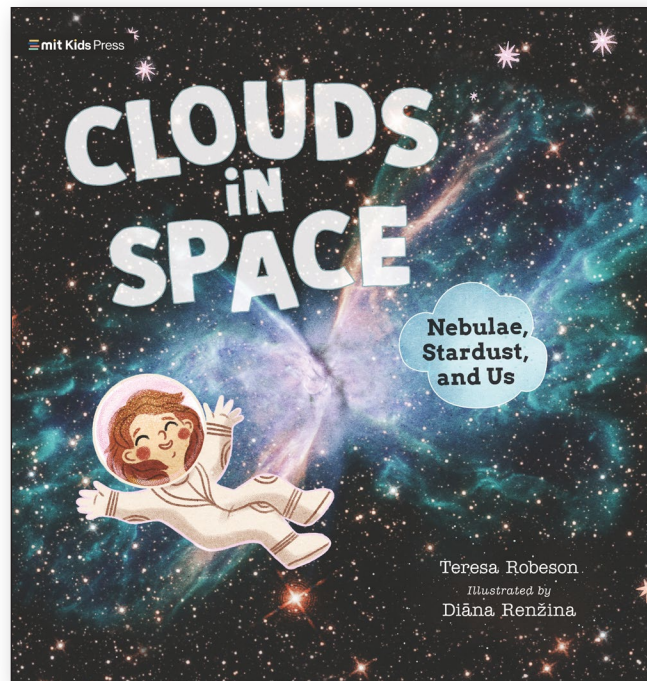
Vicky Fang is a former children's product designer at Google, where she invented such things as cars that can talk to each other, robots you can build at home, and games you can play with your voice. She now writes and illustrates children's books, many of which have a STEM focus. She is the author of *Invent-a-Pet*, the I Can Code series of board books, and the Layla and the Bots chapter book series, as well as the author-illustrator of the Friendbots easy readers. Vicky Fang lives with her husband, two sons, and one pet rhinoceros beetle in Mountain View, California.

AlphaBot Vicky Fang

Even the youngest roboticists will love flipping the flaps to create their own robot—while exploring a simple A to Z roundup of robotics terms.

Found your circuit-board head? Your voice-control torso? Your hydrojet feet? Hooray! You've made one of the 729 mix-and-match robots that are possible with this innovative flip-flap book. Alongside the bright and cheery illustrations of robot parts is an alphabetical listing of terms—from *android* to *gears*, *neural network* to *program*, *wheels* to *Z-drive*—and a basic definition of each. Printed on sturdy card stock to hold up to enthusiastic flap-turning, *AlphaBot* is full of appeal for young robot lovers, preschoolers who love machines, and anyone looking for STEM books for the younger set. Back matter includes a brief explanation of the three key abilities of robots: to sense, think, and act.





HC: 9781536225372

\$17.99 (\$23.99 CAN)

PB: 9781536239713

\$8.99 (\$11.99 CAN)

Also available as an e-book

Ages 7–9

Teresa Robeson has been an amateur astronomer since 1980, with a special interest in cosmology. She is the 2020 APALA Picture Book Award–winning author of *Queen of Physics: How Wu Chien Shiung Helped Unlock the Secrets of the Atom* and *Two Bicycles in Beijing*. She lives in southern Indiana.

Diāna Renžina studied design and worked at several creative agencies before becoming a full-time illustrator and digital designer. She lives in Riga, Latvia, a city of cobbled streets, pine forest, Art Nouveau architecture, and the cold sea.

“Back matter includes detail on the discovery and formation of nebulae, plus a variety of photos. An eminently approachable introduction to an intriguing aspect of our universe.” —*Booklist*

Clouds in Space: Nebulae, Stardust, and Us

Teresa Robeson

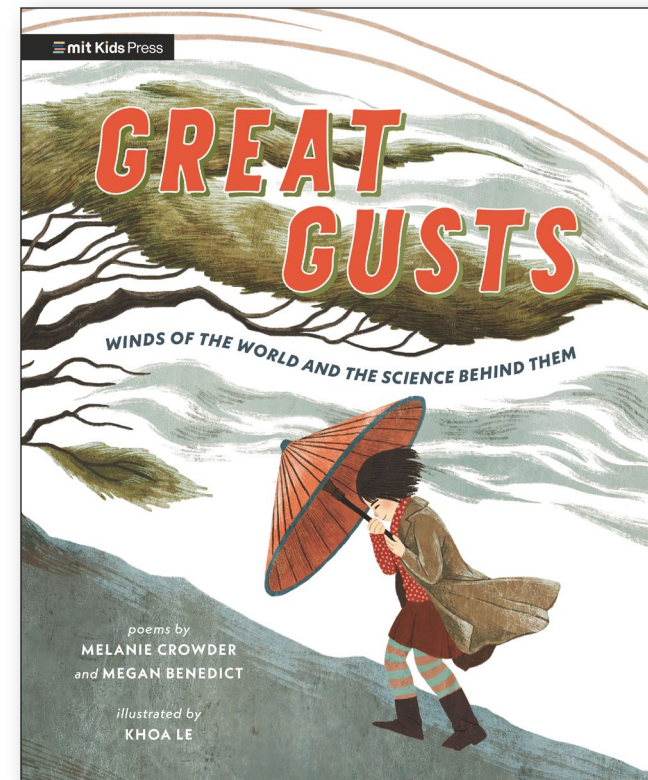
illustrated by Diāna Renžina

Real space science meets beautiful images in this lyrical nonfiction introduction to one of the most alluring wonders of our universe—the nebula.

Nebula means “cloud” in Latin, but these little-known astronomical phenomena are different from Earth’s clouds. They can be the last breaths of supernovas, spreading the elements of life far and wide, or they can be star nurseries, swirling molecules together to form stars and planets. In this gorgeous nonfiction look into the cosmos, the nebula narrator invites young astronomers to learn more about these immense space clouds, from how they form to what they do. Readers will be entranced by the vibrant illustrations, which incorporate real photographs of nebulae, and the poetic text, which reveals that we are all grown from scattered stardust. Rich back matter provides details about nebulae and how people have studied them, the nebulae pictured in the illustrations (listed as the “cast”), and resources for further learning.



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HC: 9781536224511

\$18.99 (\$24.99 CAN)

Also available as an e-book

Ages 6–9

Megan Benedict holds an MFA in Writing for Children and Young Adults from Vermont College of Fine Arts. Her poetry has been published in *Bravery* magazine and the *Hyacinth Review*. *Great Gusts* is her first picture book. She writes poetry and fiction in the foothills of the Colorado Rocky Mountains and loves to chase the salty sea breezes of any coast she can get to.

Khoa Le is the author and illustrator of numerous picture books, including *Sugar in Milk* by Thrity Umrigar, a *School Library Journal* Best Book of the Year, and *Miriam at the River* by Jane Yolen, an Association of Jewish Libraries Sydney Taylor Honor Book. Khoa Le lives in Ho Chi Minh City, Vietnam, where she works to preserve her country’s ocean as a member of a local free-dive group.

Great Gusts: Winds of the World and the Science Behind Them

Melanie Crowder and Megan Benedict

illustrated by Khoa Le

From Antarctica’s biting katabatic gusts to Hawai’i’s sweet-smelling moani, discover fourteen winds of the world through poetry, scientific facts, and transporting illustrations.

In a dynamic collection of poems, Melanie Crowder and Megan Benedict explore the world’s winds, from Italy’s swaggering maestro to Libya’s fierce ghibli to Canada’s howling squamish. The poetic styles used reflect the characteristics and sometimes the location of each wind: Japan’s blustery oroshi is celebrated in haiku, for example, while the poem about Britain’s helm uses iambs in a nod toward the iambic pentameter of English sonnets. Sidebars relay the science behind how each wind forms, where it blows, and the weather systems it heralds, and the airy art from award-winning illustrator Khoa Le is overlaid with scientifically accurate wind lines that show the path of each gust. More meteorological details can be found in the back matter, which includes explorations of the origin of wind and how winds are named, a world map pinning the winds’ locations, a glossary, and books for further reading.

Melanie Crowder teaches at Vermont College of Fine Arts and is the author of nine acclaimed books for young readers. Her titles have received numerous starred reviews, as well as national and state awards, including having been named a *Kirkus Reviews* Best Young Adult Book of the Year, a YALSA Best Fiction for Young Adults selection, and a New York Public Library Best Book for Kids. Her historical novel in verse, *Audacity*, received a *Bulletin of the Center for Children’s Books* Blue Ribbon and the Jefferson Cup. She lives on the Colorado Front Range, where downslope chinook winds regularly visit her home.



Illustration copyright © 2024 by Khoa Le



HC: 9781536226577
\$18.99 (\$24.99 CAN)
PB: 9781536238365
\$8.99 (\$12.50 CAN)
Also available as an e-book
Ages 7–9



Susannah Buhrman-Deever is a trained biologist with a PhD in behavioral biology who specializes in animal behavior and ecology. She is the author of *Predator and Prey*, illustrated by Bert Kitchen, and *If You Take Away the Otter*, illustrated by Matthew Trueman, a Bank Street College Cook Prize Honor Book. In addition to her writing and academic work, she also developed ecology curricula for the Lion Conservation Fund. Susannah Buhrman-Deever lives with her husband and sons in New York, where she enjoys hiking through forests, paddling on the water, and puttering in her garden.

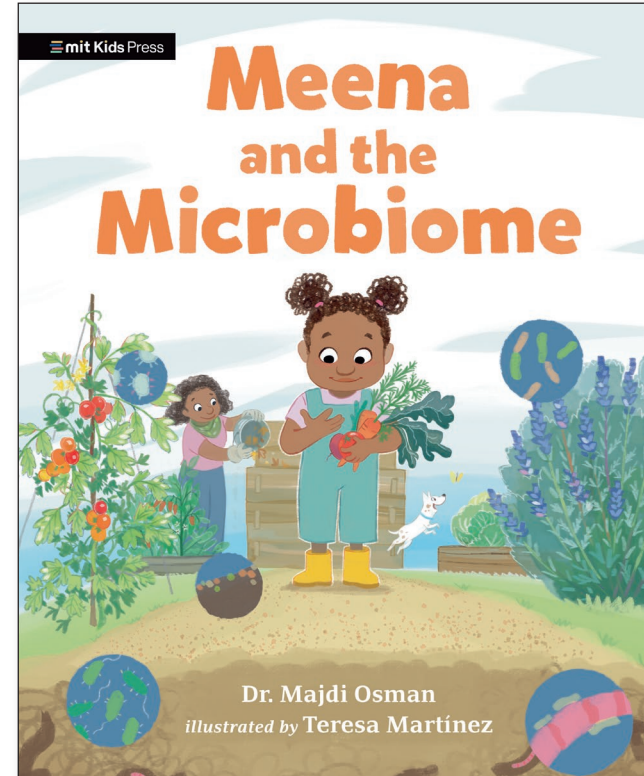
Gina Triplett and **Matt Curtius** are a wife-and-husband artistic team who have shared a collaborative studio in Philadelphia for more than ten years. They have worked on projects ranging from public art to advertising to print books for children and adults. Gina Triplett has exhibited throughout the US and abroad. Matt Curtius is an associate professor at the University of the Arts in Philadelphia.

Before the Seed: How Pollen Moves

Susannah Buhrman-Deever
illustrated by Gina Triplett and Matt Curtius

Discover the intricate process of pollination in a lyrical narrative from a noted biologist, packed with information-rich asides and paired with spectacular botanical illustrations.

We live in a world of green that grows from seeds, but what happens before there are seeds? In a graceful text grounded by riveting science, biologist Susannah Buhrman-Deever explains how whirling winds, buzzy bees, and bustling birds move pollen from flower to flower, answering each plant's special invitation. Lush botanical illustrations by artist duo Gina Triplett and Matt Curtius bring each tiny detail of the process to life, and the final pages remind us why it's important to take action to protect our pollinators. From bees and bats to beetles and hummingbirds, the text covers creatures from all over the world that aid in flower pollination, as well as the sophisticated mechanisms flowering plants have developed in order to reproduce. Back matter includes more information on flower anatomy, how to support local pollinators in your own backyard, and the dangers that global warming poses to pollinator species.



HC: 9781536227598
\$18.99 (\$24.99 CAN)
PB: 9781536239775
\$8.99 \$12.50 CAN)
Also available as an e-book
Ages 5–7

Dr. Majdi Osman is a physician-scientist at the University of Cambridge, researching the role of the gut microbiome in health and disease. He also leads research and clinical programs at OpenBiome, a nonprofit developing new therapies for neglected diseases using microbiome science. His work has been featured on CNN and the BBC and in the *New Yorker* and the *New York Times*. Originally from Sudan, Dr. Majdi Osman lives in London.

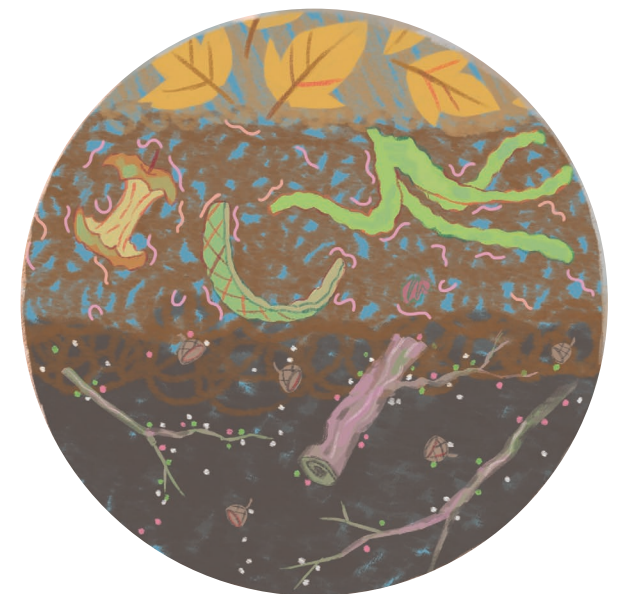
Teresa Martínez is a graphic designer who has worked in advertising. She is the illustrator of many children's books, including *Until Someone Listens* by Estela Juárez, *Mi Ciudad Sings* by Cynthia Harmony, and *How Can I Wait When There's a Treat on My Plate?* by Dan Graham, PhD. Teresa Martínez lives in Monterrey, Mexico.

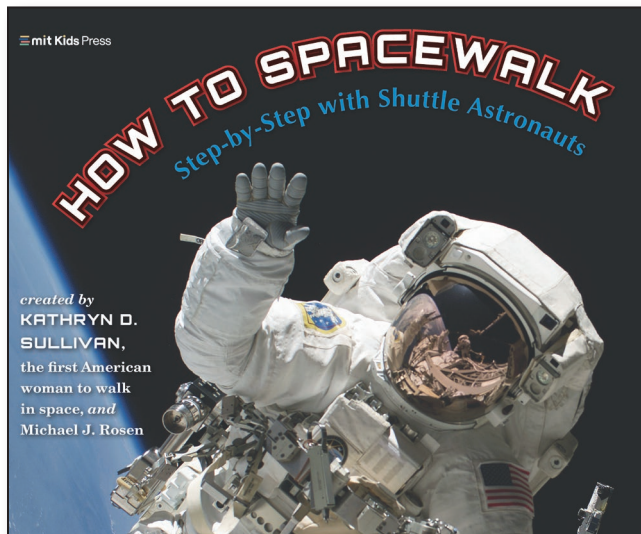
Meena and the Microbiome

Dr. Majdi Osman
illustrated by Teresa Martínez

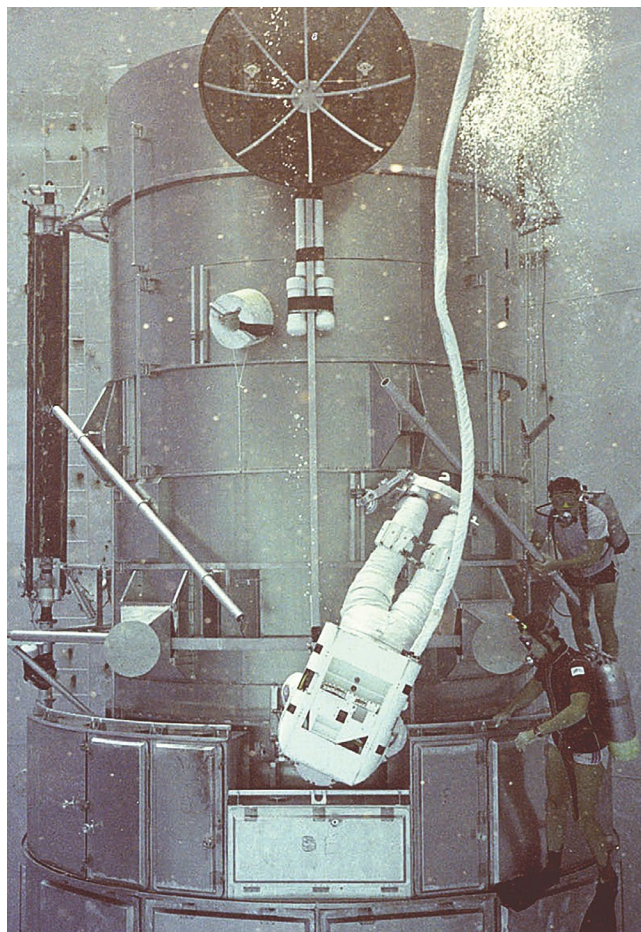
Did you know there are more microbes on Earth than stars in the universe? That some five million microbes live on your hand? A child's curiosity helps her understand why these tiny organisms make such a big difference in her life.

After the last drop of rain falls, Meena and her mom head outside to their garden, which is bursting with veggies and flowers. But it isn't the produce that Meena is curious about. It's the microbes in the soil (giving it that earthy smell), in the compost pile, in our bodies—everywhere!—that have Meena wondering. How do they live? What do they eat? Where did Meena's own microbiome come from? Comparing microbe communities to a bustling city, where everyone has a job to do, Meena's scientist mom answers her questions while they garden, gather vegetables for a neighbor, have a snack at the picnic table, and end the day with a sudsy bath. Physician-scientist Dr. Majdi Osman introduces the adorable Meena during a day of eye-opening exploration, while Teresa Martínez's engaging illustrations capture the mother-daughter pair in perspectives ranging from microscopic to bird's-eye view. Back matter includes a resource list and an author's note on the far-reaching role that the microbiome plays in our health and development.





HC: 9781536226218
\$19.99 (\$25.99 CAN)
 PB: 9781536232707
\$8.99 (\$11.99 CAN)
 Also available as an e-book
 Ages 7–9



How to Spacewalk: Step-by-Step with Shuttle Astronauts

Kathryn D. Sullivan and Michael J. Rosen

Aspiring astronauts will be ready for liftoff with this thrilling guide to preparing for and doing a real spacewalk with the first American woman to walk in space as their partner.

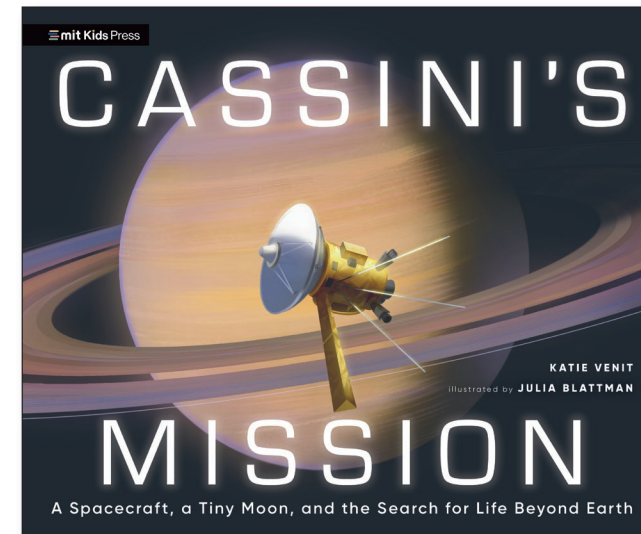
“Sullivan, who, in 1984, became the first woman to walk in space, shares her journey. . . . Lively visuals are echoed by the effervescent text. While plenty of intriguing facts are presented, this is also an empowering and uplifting account of a woman achieving her dreams—and encouraging readers to live the ‘life you invent.’ An irrepressibly joyous tale of a woman who reached for—and attained—the stars.”

—*Kirkus Reviews*

“Sullivan, the first American woman to complete a spacewalk, and Rosen immerse readers in the experience of being a space shuttle astronaut. . . . Helpful diagrams and asides throughout detail equipment, including the complex spacesuits, used on shuttle flights, and the numerous photographs of NASA ground crew and astronauts, including Sullivan, show the people and technology that make EVA possible.” —*The Horn Book*

“Kathryn demonstrates how her determination and curiosity helped her become an astronaut. . . . This enthusiastic and personal story of how a woman born in a time when girls were limited to specific careers broke the rules and explored the oceans and outer space will be useful as a reference and appeal to aspiring scientists.” —*School Library Connection*

Photo courtesy of the National Aeronautics and Space Administration (NASA)



HC: 9781536232325
\$18.99 (\$24.99 CAN)
 Also available as an e-book
 Ages 4–8

Katie Venit grew up staring at the stars through the skylight over her bed, wondering if there was life out there somewhere. Now, she wonders if we’ll have an answer for that question sooner rather than later. In addition to her picture book debut, *Forts*, she has written creative nonfiction for adults, numerous articles, and a children’s science column. She lives in Wisconsin with her family.

Julia Blattman has always had a deep interest in all things space, so illustrating this book was an absolute delight for her. She has a BFA in illustration and has worked in visual development at Paramount Pictures Animation and at Netflix Animation. She resides in Los Angeles, California, where she wishes she could see more stars in the sky.

Cassini's Mission: A Spacecraft, a Tiny Moon, and the Search for Life Beyond Earth

Katie Venit
 illustrated by Julia Blattman

Real-life spacecraft Cassini makes surprising discoveries on her visit to one of Saturn’s moons in this graceful blend of science concepts and the awe of space exploration.

Cassini was built to explore Saturn and its moons. Her engineers pack her full of tools that can measure, take pictures, and taste chemicals. It takes her seven years to reach Saturn’s orbit, where she investigates Enceladus, the shiniest moon in the solar system. To the amazement of her scientists back home, Cassini makes a series of incredible discoveries: liquid water, chemicals, and energy—the ingredients for life! But Cassini doesn’t have the right tools or enough fuel to answer the big questions that come next. This bittersweet true story is rich with both science and wonder, with illustrations that capture the breathtaking scale of our solar system. Back matter provides further insight and information, as well as additional educational resources.



Illustration copyright © 2025 by Julia Blattman

Riveting STEAM Picture Book Biographies



HC: 9781536228984
 \$18.99 (\$24.99 CAN)
 PB: 9781536238327
 \$8.99 (\$11.99 CAN)
 Also available as an e-book
 Ages 4–8



Masked Hero: How Wu Lien-teh Invented the Mask That Ended an Epidemic
 Dr. Shan Woo Liu and Kaili Liu Gormley
 illustrated by Lisa Wee

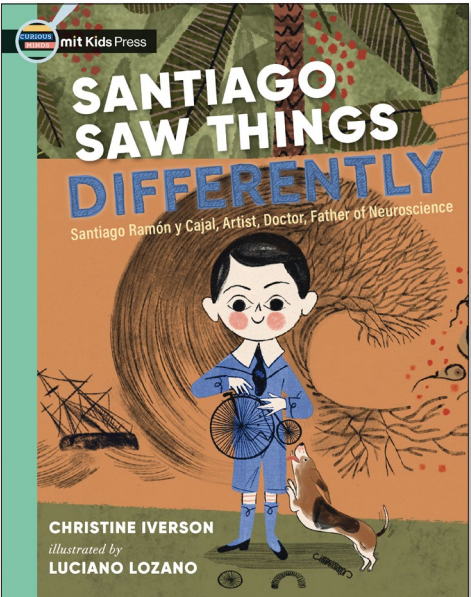
Meet Dr. Wu Lien-teh, defeater of the Manchurian plague, in a story authored by his great-granddaughter, an emergency physician who relied on his life-saving invention during a pandemic a century later.

“The mother and daughter coauthors, both descendants of their subject, trace the course of Wu’s career. . . . Chockablock with timely themes and connections to recent world-shaking events.” —*Kirkus Reviews*

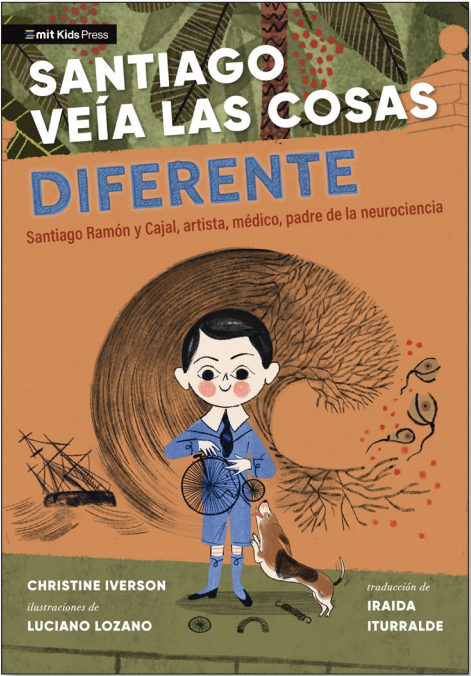
“Woo Liu’s great-grandfather, physician Wu Lien-teh (1879–1960), stars in a biography that focuses on its protagonist’s implementation of face masks to combat disease. . . . When a ‘terrible disease’ sweeps through Northeast China, Lien-teh is asked to help. The gauze masks that the physician innovates end the outbreak, and later prove useful during the 1918 flu and as a prototype for Covid-combatting masks that ‘became part of everyday life.’ ” —*Publishers Weekly*

“Despite the discrimination and doubts Lien-teh faced, his perseverance and courage to invent an effective face mask has proven its worth to humanity, time and time again. . . . A fascinating, inspirational story in every way.” —*The Reading Eagle*

Riveting STEAM Picture Book Biographies



HC: 9781536224535
 \$18.99 (\$24.99 CAN)
 PB: 9781536238334
 \$8.99 (\$11.99 CAN)
 Also available as an e-book
 Ages 5–9



HC: 9781536233346
 PB: 9781536239645
 Also available as an e-book

Santiago Saw Things Differently: Santiago Ramón y Cajal, Artist, Doctor, Father of Neuroscience
 Christine Iverson
 illustrated by Luciano Lozano

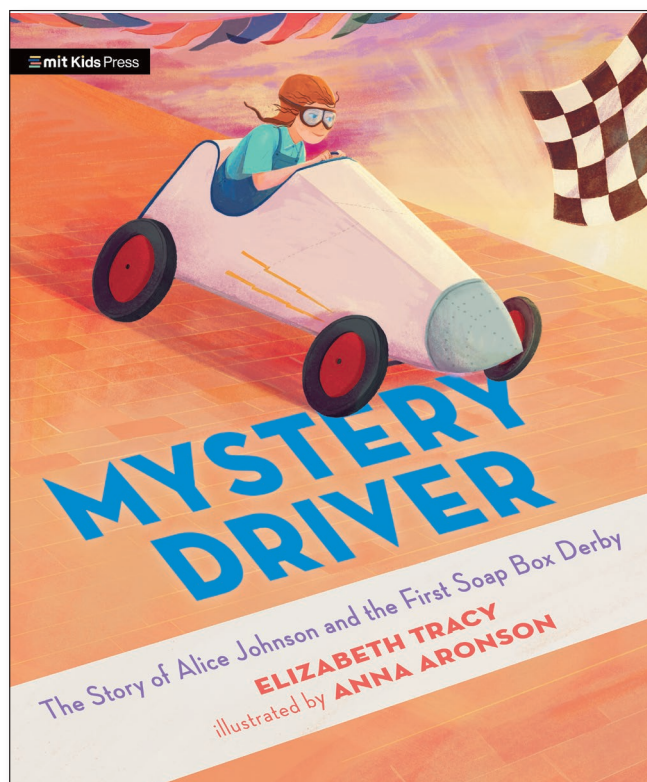
In an exquisitely illustrated nonfiction picture book about the childhood and discoveries of the “father of neuroscience,” science and art—together—work wonders.

“An introduction to Santiago Ramón y Cajal, an artist and medical researcher who made a crucial discovery. . . . Brightly illuminates a brilliant and multitasked yet unjustly obscure scientist.” —*Kirkus Reviews*

“Reproductions of Ramón y Cajal’s drawings appear on relevant pages of the book, alongside Lozano’s handsome digital illustrations, which feature expressive line drawings brightened with solid colors and occasional patterns. A picture book showing the value of the A in the STEAM field.” —*Booklist*



Riveting STEAM Picture Book Biographies



HC: 9781536231571

\$18.99 (\$24.99 CAN)

Also available as an e-book

Ages 4-8

Elizabeth Tracy loves real-life inspiring stories, especially when they feature empowered women and girls. Since childhood, she's been known for her unwavering determination and adventurous spirit. She hasn't raced a gravity-powered car—yet. But it's never too late to try! Before becoming a writer, Elizabeth Tracy was a businesswoman, professor, and proud mother of two mighty girls. She lives with her husband in New York state, where they divide their time between Manhattan and the scenic Hudson Valley.

Anna Aaronson hails from the American Midwest, just like Alice. She lives there with her husband, three children, and many animals on their small homestead. She loves that she gets to share stories about girls from the past and will always be enamored with how picture books can help teach, shape, and inspire us.

Mystery Driver: The Story of Alice Johnson and the First Soap Box Derby

Elizabeth Tracy
illustrated by Anna Aronson

Alice is determined to build the fastest car in the boys-only soap box derby in this empowering true tale of ingenuity, engineering, and the joy of creating your dreams.

Alice loves swooping through the clouds in Daddy's biplane. She and he even flew through a howling tornado when Alice was only three! Grounded now by the Great Depression, Alice is yearning for more thrilling adventure when she sees a newspaper ad for a soap box derby where kids will race their own homemade, gravity-powered cars. Excitement is spreading like prairie fire! But wait—the race is only for boys? Alice knows she can be a race-car driver, too. So she and Daddy work hard in his machine shop to build the speediest car they can. Ball bearings let the wheels spin smoothly, rubber tires absorb bumps in the pavement, sleek surfaces slice through the air, and the crowning glory: an airplane's nose cone! The day of the race, forty thousand people turn out to watch hundreds of boys compete—and one Mystery Driver. At the crack of the starter pistol, Alice flies toward the checkered flag . . . Get ready for an action-packed story complete with fascinating back matter that digs deeper into the science and people involved.

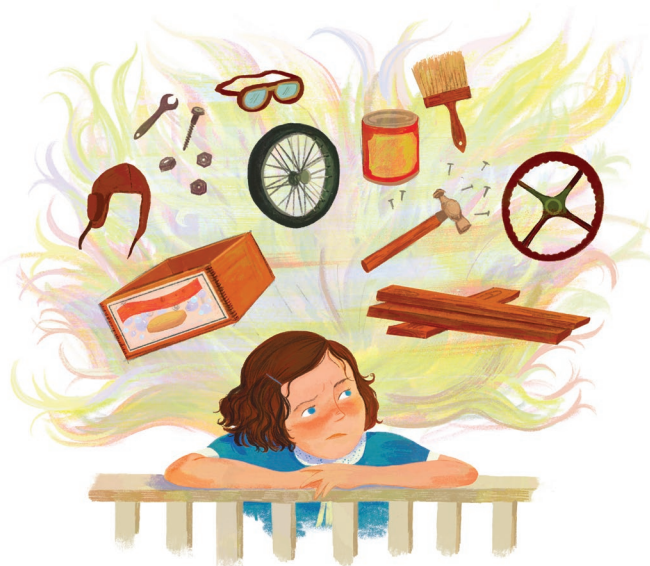
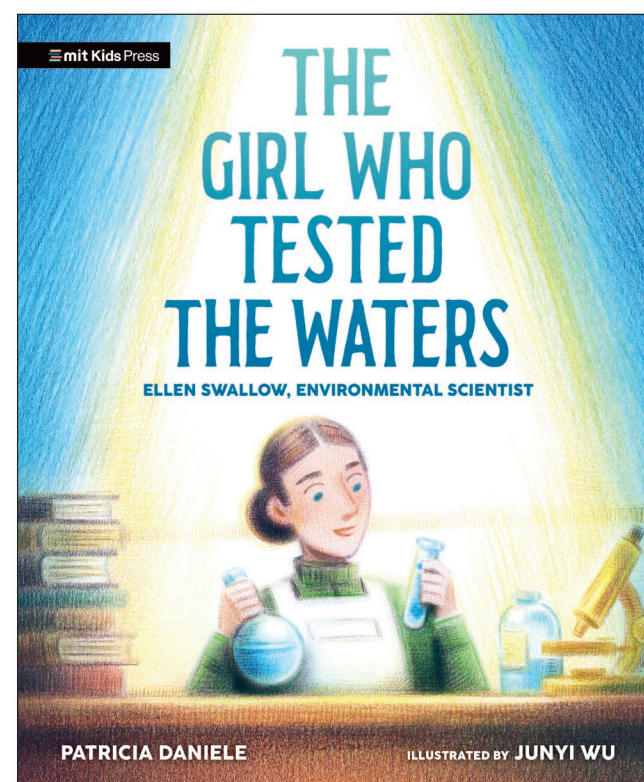


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Riveting STEAM Picture Book Biographies



HC: 9781536230055

\$18.99 (\$24.99 Can)

Also available as an e-book

Ages 5-8

Patricia Daniele is an avid reader who likes to dig into and write stories about can-do people who have dared to overcome obstacles and have succeeded and inspired others. *The Girl Who Tested the Waters* is her debut picture book. Patricia Daniele grew up in New England and now lives with her husband on the West Coast.

Junyi Wu is the illustrator of several books, including the Newbery Honor Books *Elf Dog and Owl Head* by M. T. Anderson and *Scary Stories for Young Foxes* by Christian McKay Heidicker; *Two Bicycles in Beijing* by Teresa Robeson; and *Beatrix Potter, Scientist* by Lindsay H. Metcalf. Like Ellen Swallow, she loves gardening, collecting, and exploring the outdoors. Junyi Wu is from Southern California.

The Girl Who Tested the Waters: Ellen Swallow, Environmental Scientist

Patricia Daniele
illustrated by Junyi Wu

Discover the eye-opening story of the first woman student at MIT—a pioneering environmental chemist sure to inspire the next generation of female trailblazers in science.

Ellen Swallow found a friend in nature and a lifelong love of science as a child exploring the woods around her family's home. She was a voracious learner with an interest in chemistry, and continuing her education at the newly established Massachusetts Institute of Technology seemed a good fit. But in 1871, many believed that women belonged in the home, not in schools dedicated to the study of science. Ellen thought, why not both? She believed science could help solve the problems of everyday life, including the pollution she observed in Boston, so when offered the chance to study the city's water systems, she seized it. What she found would change the way we think about clean water. In her lifetime, Ellen pioneered science education for women, advocated for a healthier environment, and helped develop the field of ecology. *The Girl Who Tested the Waters*, with engaging text and soft, inviting illustrations, portrays a woman ahead of her time and her tireless efforts to bring about change for good. Curious readers can find more in the back matter, including a time line, an author's note, source notes, and a bibliography.

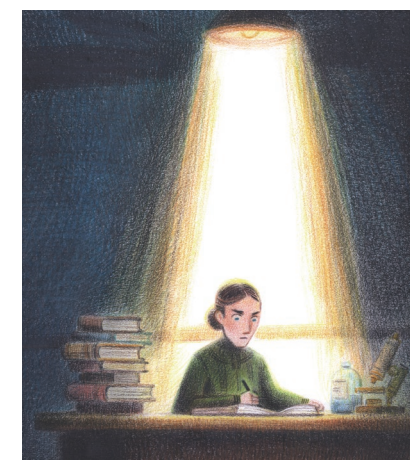
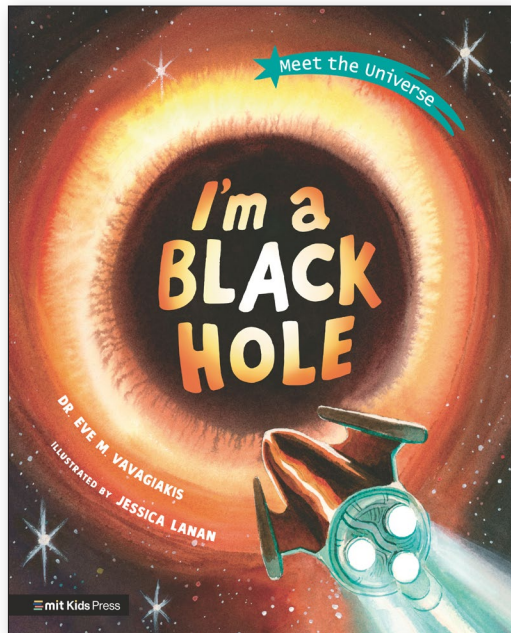


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SCINTILLATING SERIES FROM MIT KIDS PRESS



HC: 9781536222081
\$18.99 (\$24.99 CAN)
Also available as an e-book
Ages 7–9

Dr. Eve M. Vavagiakis is a postdoctoral fellow at Cornell University. A childhood space enthusiast, she now works in experimental cosmology as a part of the Atacama Cosmology Telescope, CCAT-prime, CMB-S4, and Simons Observatory collaborations to build instrumentation and study the oldest light in the universe. She also codirects the high-energy physics blog *ParticleBites* and is the author of the first title in the Meet the Universe series, *I'm a Neutrino*. Eve M. Vavagiakis lives in upstate New York.

Jessica Lanan is an award-winning author, illustrator, and painter. She is the illustrator of *The Lost Package* by Richard Ho and *Just Right: Searching for the Goldilocks Planet* by Curtis Manley. Her author-illustrator debut, *The Fisherman and the Whale*, was awarded the 2020 Bull-Bransom Award for wildlife art. Jessica Lanan aims to help young readers discover the beauty and diversity of their world by creating picture books that are inspiring, accessible, and memorable. She lives in Boulder, Colorado.

I'm a Black Hole

Eve M. Vavagiakis
illustrated by Jessica Lanan

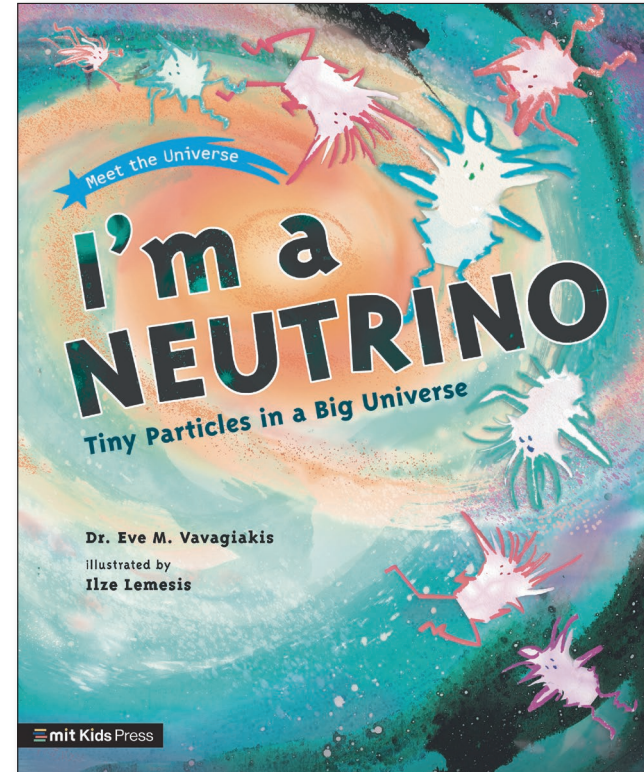
Journey to the event horizon in this playful, mind-bending introduction to one of our universe's most mysterious marvels—narrated by a black hole itself.

Lurking at the center of our galaxy and in the farthest reaches of space are black holes. Once unseeable and unknowable, these cosmic devourers—sometimes born from the death of stars—swallow even light itself. What exactly is a black hole? And how do we even know they exist? In a kid-friendly, rhyming narration, the elusive astronomical object introduces itself as both a behemoth star-eater and a shy, rarely-spotted phenomena. Physicist Eve M. Vavagiakis's approachable text is paired with Jessica Lanan's imaginative depictions of a young astronaut venturing where no human has gone before, along with stunning renderings of our fascinating narrator and the final frontier. Endnotes expand, spread by spread, on the fascinating science behind black holes and the cutting-edge experiments used to study them. This second entry in the Meet the Universe series will light readers' curiosity and have them racing to discover more secrets hidden among the stars.



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SCINTILLATING SERIES FROM MIT KIDS PRESS



HC: 9781536222074
\$18.99 (\$24.99 CAN)
PB: 9781536230840
\$7.99 (\$10.99 CAN)
Also available as an e-book
Ages 7–9

I'm a Neutrino: Tiny Particles in a Big Universe

Dr. Eve M. Vavagiakis
illustrated by Ilze Lemesis

An accessible and visually arresting picture book about one of the universe's most mysterious particles for the youngest scientific minds

“A poetic, gently humorous introduction to the world of neutrino physics.” —*Kirkus Reviews*

“Unabashedly tackling a complex subject, this STEM read is sure to inspire curiosity.” —*Publishers Weekly*

“Kids who are curious about science will find this book an accessible and appealing entry point.” —*Booklist*

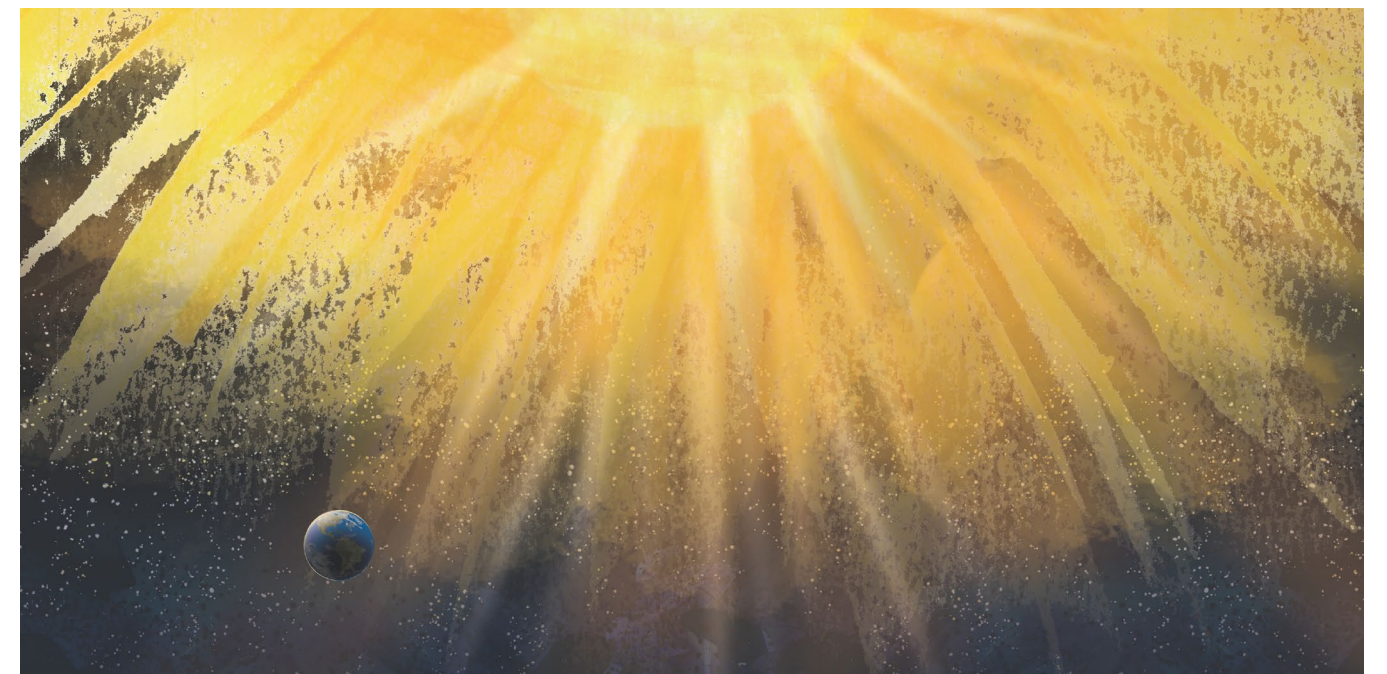
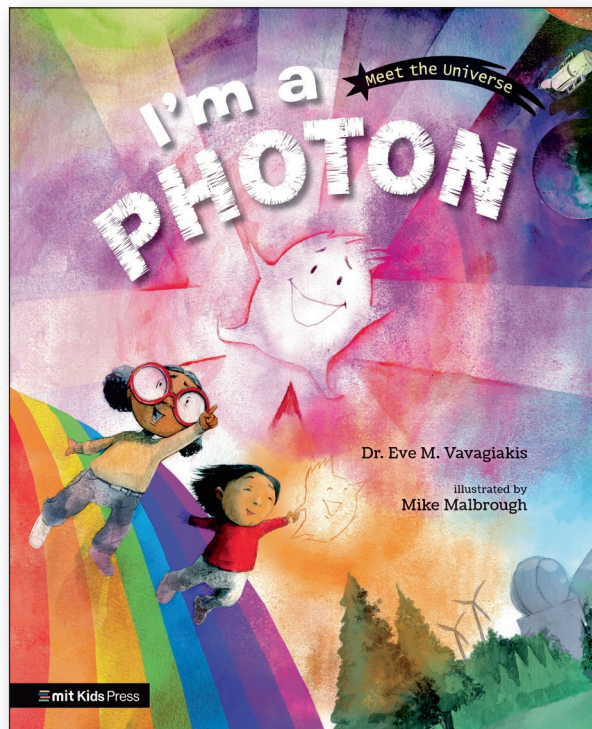


Illustration copyright © 2022 by Ilze Lemesis



HC: 9781536228267
\$18.99 (\$24.99 CAN)
Also available as an e-book
Ages 7-9

Dr. Eve M. Vavagiakis is an assistant professor at Duke University. A childhood space enthusiast, she now works in experimental cosmology as part of the Atacama Cosmology Telescope, CCAT-prime, CMB-S4, and Simons Observatory collaborations to build instrumentation and study the oldest light in the universe. She also codirects the high-energy physics blog ParticleBites and is the author of the other titles in the Meet the Universe series, *I'm a Neutrino* and *I'm a Black Hole*. Dr. Eve M. Vavagiakis lives in North Carolina.

Mike Malbrough is the author-illustrator of *Marigold Bakes a Cake* and the illustrator of the Warren & Dragon series by Ariel Bernstein and *What Does Grief Feel Like* by Korie Leigh. Mike Marlborough lives in New Jersey.

I'm a Photon

Eve M. Vavagiakis
illustrated by Mike Malbrough

Photons are everywhere, from the twinkling of stars to the heat from our own breath. Here is an illuminating intro to these versatile light particles, sure to spark the imaginations of curious young scientists.

Fascinating photons make up light, from X-rays and microwaves to the colors of the rainbow. Scientists use tiny photons to study and create things big and small, like using a precise laser in an experiment or learning about the origins of the universe itself. Complex concepts are presented in a fun and readable style as physicist Dr. Eve Vavagiakis shines a light on these unique elementary particles and the many ways they appear and behave. Readers are invited to imagine harnessing the power of photons, perhaps by observing distant stars through a telescope or building a quantum computer! Energetic illustrations and catchy rhymes sparkle in this latest entry in the STEM-tastic Meet the Universe series. Back matter includes a “Know Your Photons” section that expands on concepts introduced in the text.

Meet the Universe



HC: 9781536228687
\$16.99 (\$22.99 CAN)
PB: 9781536239744
\$8.99 (\$22.50 CAN)
Also available as an e-book
Ages 7-10

Loree Griffin Burns is a biologist and the author of many nonfiction books for children, including *Honeybee Rescue: A Backyard Drama*, illustrated by Ellen Harasimowicz, and *Life on Surtsey: Iceland's Upstart Island*. Her books have won many accolades, including American Library Association Notable designations, a *Boston Globe-Horn Book* Honor, an International Reading Association Children's Book Award, a Green Earth Book Award, and two AAAS/Subaru Prizes for Excellence in Science Books. She lives in central New England, where she writes, teaches, and studies her insect neighbors.

Jamie Green is the illustrator of multiple books for young readers, including *Mushroom Rain* by Laura K. Zimmerman, and was named the Society of Illustrators Zankel Scholar in 2019. Their work explores the natural world, along with themes of human connection, travel, history, and movement. Jamie Green lives in Greenville, South Carolina, and can often be found either in the corner of a café or on trails in the Blue Ridge Mountains.

One Long Line: Marching Caterpillars and the Scientists Who Followed Them

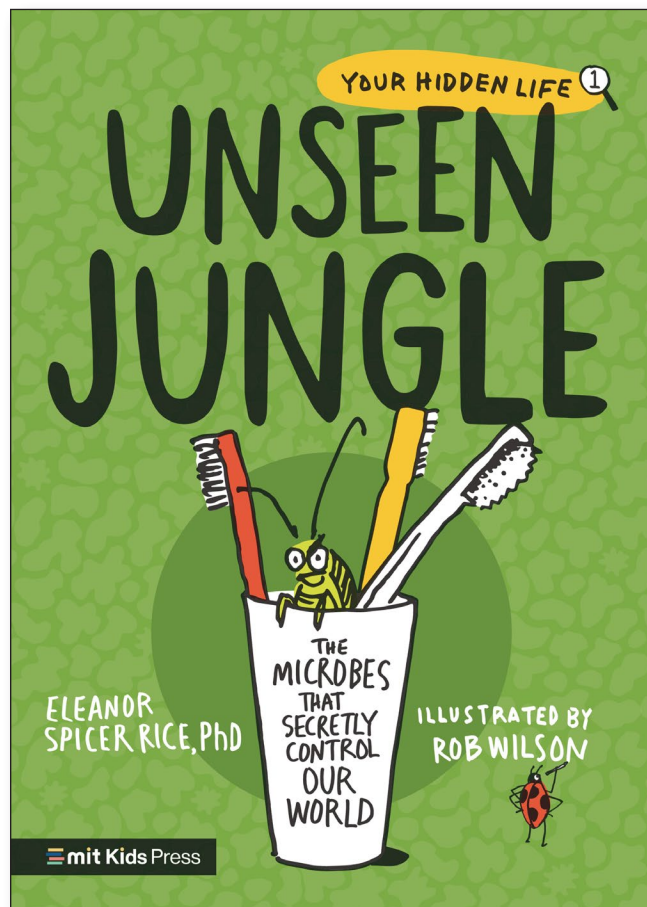
Loree Griffin Burns
illustrated by Jamie Green

A fresh and fascinating look at caterpillars gives new meaning to the words “line leader”—and ushers kids into the process of scientific discovery—in this first book in the Discovery Chronicles by a biologist and award-winning children's author.

★ “This engaging STEM offering has applications that cross curricular areas, provides accessible models of how scientific inquiry works, and introduces a couple of pretty cool scientists as well as a plethora of caterpillars.”
—*Booklist* (starred review)



YOUR HIDDEN LIFE



HC: 9781536226461
\$19.99 (\$25.99 CAN)
PB: 9781536232868
\$12.99 (\$17.99 CAN)
Also available as an e-book
Ages 7–10



Unseen Jungle: The Microbes That Secretly Control Our World

Eleanor Spicer Rice, PhD
illustrated by Rob Wilson

A New York Public Library Best Books
for Kids Selection

This lively peek into the amazing world of microbes, replete with a kid-pleasing “ick” factor, is chock-full of facts, humor, and fun illustrations.

“Presents the behind-the-scenes microbial influence over familiar creatures and environments (mind-controlling fungi in humble houseflies, for example) in all its sometimes gory glory, with enough detail to satisfy young readers’ curiosity as well as their delight in all things icky but not so much as to become overwhelming. . . . The author’s palpable excitement for the topic makes an already-fascinating subject even more engaging. An entertaining and informative exploration of a hidden world.” —*Kirkus Reviews*

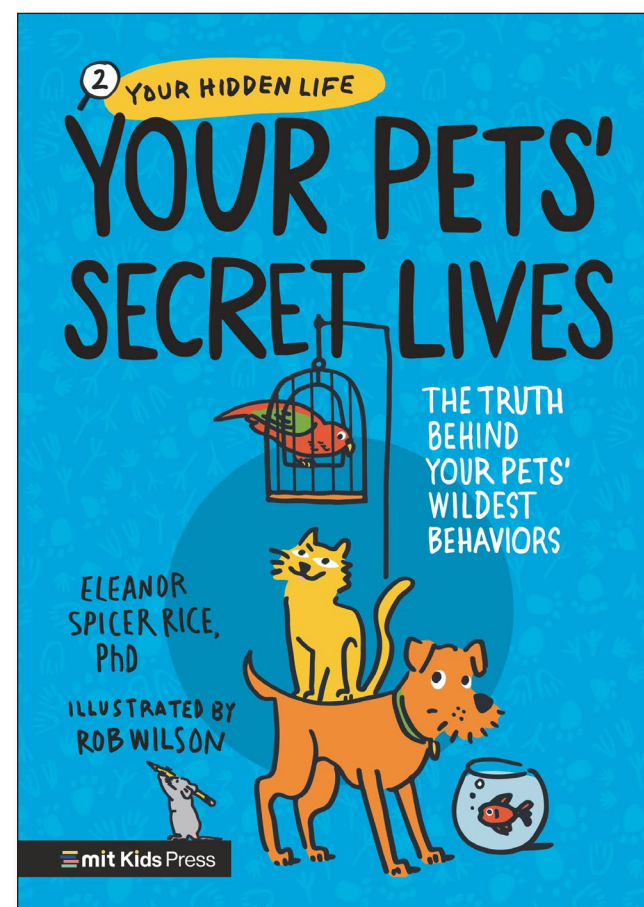
“Eleanor Spicer Rice breaks down facts about microbes in an often hilarious, frequently gross, and overall interesting way.”
—*School Library Connection*

★ “Developing the theme that ‘microbes impact our lives and our world in big, beautiful, and sometimes creepy ways,’ Spicer Rice explains the varied roles bacteria and other tiny guests play in digestion, decomposition, spreading or fighting diseases, and killing hosts or keeping them healthy. Readers who relish biology that veers into the ‘creepy’ will be riveted.” —*Booklist* (starred review)

“An entertaining and informative exploration of a hidden world.” —*Kirkus Reviews*

“*Unseen Jungle: The Microbes That Secretly Control Our World* is both fascinating and funny, with just the right amount of gross.”
—*The Reading Eagle*

YOUR HIDDEN LIFE



HC: 9781536226478
\$18.99 USD (\$24.99 CAN)
PB: 978153623665
\$12.99 USD (\$17.99 CAN)
Also available as an e-book
Ages 7–10

Eleanor Spicer Rice, PhD, is an entomologist and the author of many nonfiction books, including *Your Hidden Life: Unseen Jungle* and *Dr. Eleanor's Book of Common Spiders*. She lives in Raleigh, North Carolina, with her husband, sons, dogs, hermit crabs, an assortment of spiders and insects, and a small but valiant flock of homing pigeons.

Rob Wilson is an award-winning illustrator and celebrated graphic designer who has created work for the *Washington Post*, *New York* magazine, the *Wall Street Journal*, *Mother Jones*, and the covers of best-selling books. He is the illustrator of *Your Hidden Life: Unseen Jungle* and the creator of the icon for the popular podcast *Welcome to Night Vale*. Rob Wilson’s work has been featured in galleries in London and New York City, where he lives.

Your Pets' Secret Lives: The Truth Behind Your Pets' Wildest Behaviors

Eleanor Spicer Rice, PhD
illustrated by Rob Wilson

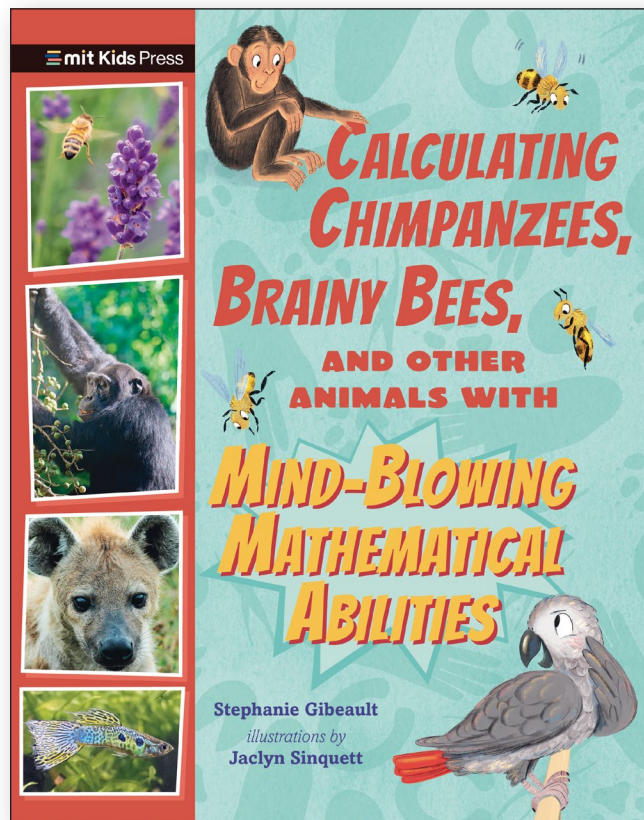
From poop-eating pups to supersmooth spy snakes, get a glimpse of our pets’ amazing secret lives with this funny and fact-filled exposé!

“The author mixes humor with scientific data, delivering an entertaining and informative guide that will pique readers’ interest in learning more about the animals we share our homes with. An engaging, fact-filled book that offers both laugh-out-loud and aha moments.”
—*Kirkus Reviews*

“Pets are a key member of many children’s lives, and this jaunty guide helps kids understand their furry, feathery, and scaly companions even better. . . . In a humorous, conversational style, complemented by cartoon spot art, Rice explains such phenomena as why dogs message through pee (and how they align themselves with the north-south axis of the earth’s magnetic field to poo), why some cats go gaga for catnip, and why and how a bearded dragon would need to change colors.” —*Booklist*



SCINTILLATING SERIES FROM MIT KIDS PRESS



HC: 9781536230017
\$17.99 (\$23.99 CAN)
PB: 9781536239386
\$12.99 (\$17.99 CAN)
Also available as an e-book
Ages 9–12

Calculating Chimpanzees, Brainy Bees, and Other Animals with Mind-Blowing Mathematical Abilities

Stephanie Gibeault
illustrated by Jaclyn Sinquett

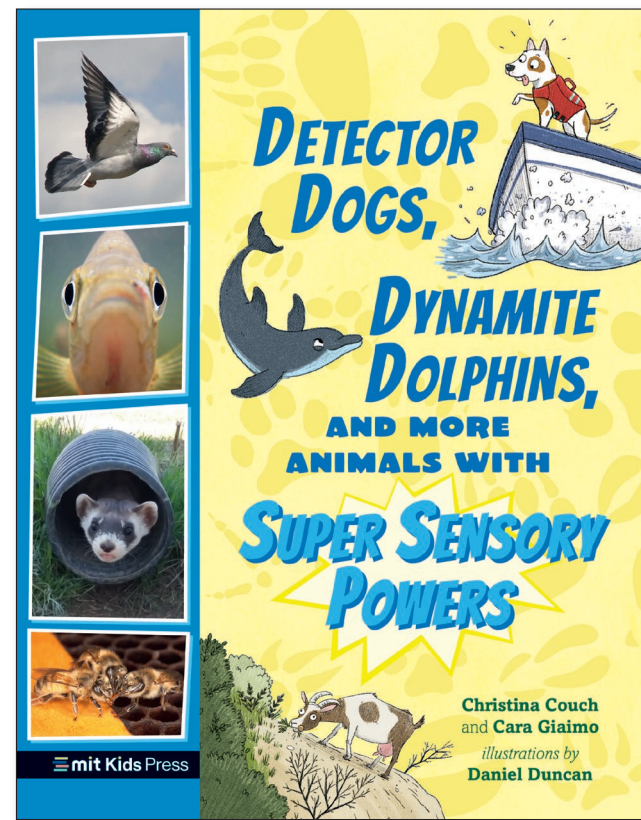
Could your pet help you with your math homework? Discover how amazing animals use number sense in this fun and fact-filled investigation.

Stephanie Gibeault is a Canadian animal science expert with a master's in animal behavior and a bachelor's in ecology and evolution. She's been pooped on by monkeys, grumbled at by gorillas, and drooled on by dogs. Now she writes fiction and nonfiction books for children as well as articles for magazines and the internet. She does math puzzles to relax and lives just outside Toronto.

Jaclyn Sinquett has illustrated many books for children, including *I Love Strawberries* by Shannon Anderson and *Sincerely Emerson* by Emerson Weber. She lives in New Jersey.



Illustration copyright © 2024 by Jaclyn Sinquett



HC: 9781536219128
\$24.99 (\$33.99 CAN)
PB: 9781536229530
\$12.99 (\$17.99 CAN)
Also available as an e-book
Ages 9–12

Detector Dogs, Dynamite Dolphins, and More Animals with Super Sensory Powers

Christina Couch and Cara Giaimo
illustrated by Daniel Duncan

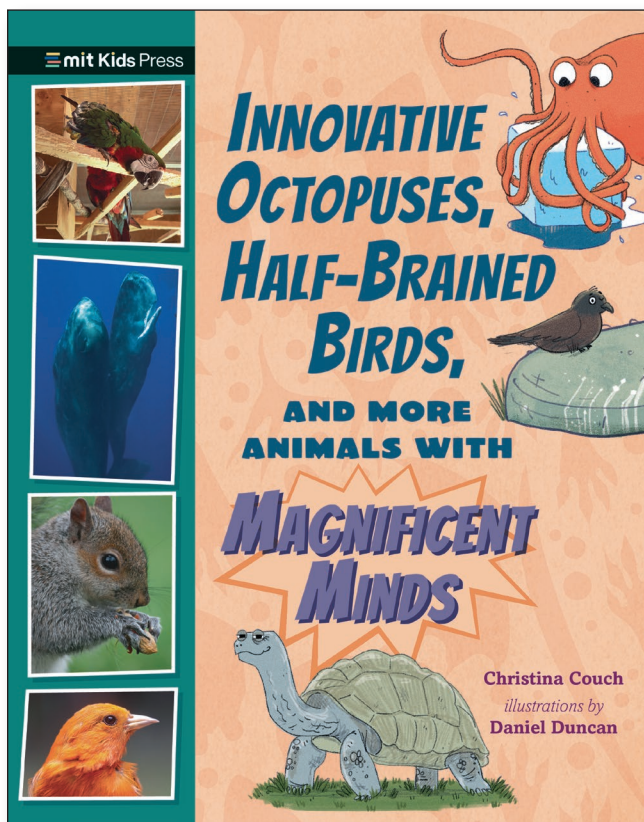
Meet incredible animals with all kinds of highly developed senses and learn about the jobs they do in this book full of amazing facts, cool science, and activities.

“An engaging survey, thoroughly documented and as ethically nuanced as it is lively.”

—*Kirkus Reviews*



Illustration copyright © 2022 by Daniel Duncan



HC: 9781536229721
\$17.99 (\$23.99 CAN)
Also available as an e-book
Ages 9–12

Christina Couch is the coauthor, with Cara Giaimo, of *Detector Dogs*, *Dynamite Dolphins*, and *More Animals with Super Sensory Powers*. She is an alumna of the MIT Graduate Program in Science Writing, and when she isn't writing books, she writes about brains and lots of other weird science for *NOVA*, the *New York Times*, *Wired*, and other outlets. Christina Couch lives in Massachusetts.

Daniel Duncan is the illustrator of the first Extraordinary Animals book, *Detector Dogs*, *Dynamite Dolphins*, and *More Animals with Super Sensory Powers* and of *Mr. Posey's New Glasses* by Ted Kooser, *The Girl Who Could Fix Anything* by Mara Rockliff, and *The Purple Puffy Coat* by Maribeth Boelts. Daniel Duncan creates most of his work in an old stable turned studio on the outskirts of London.

Innovative Octopuses, Half-Brained Birds, and More Animals with Magnificent Minds

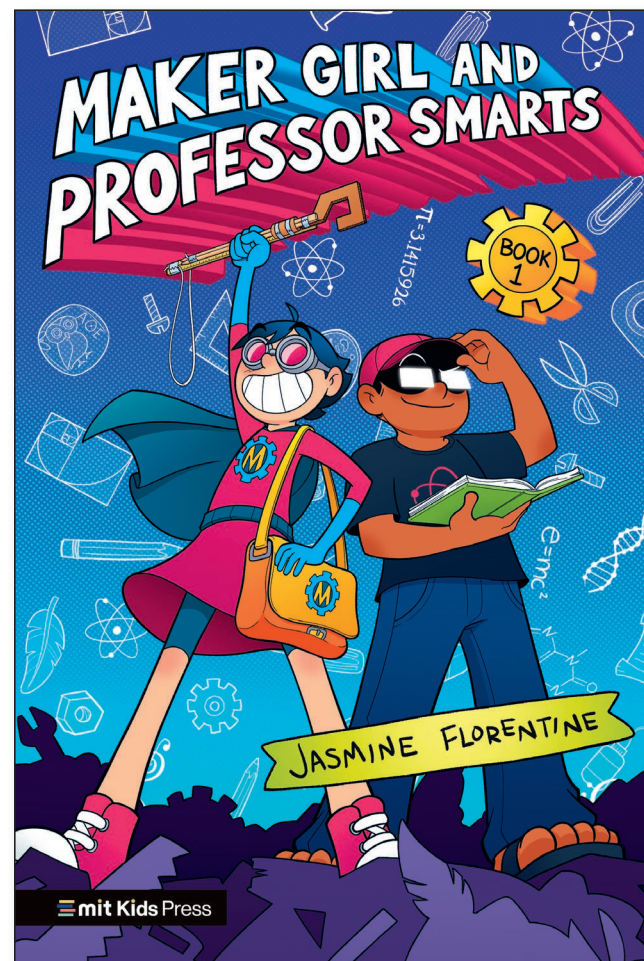
Christina Couch
illustrated by Daniel Duncan

This third book in the Extraordinary Animals series delves into the mind-bending world of amazing animal brains.

Real-life animal brainiacs and the scientists who study them come to life in this detailed look at how animal—and human—brains work and the incredible things they can do. Meet goldfish who drive their own special car in search of treats; brilliant octopus problem-solvers who can probe, taste, and even make decisions with their arms; and squirrels who use mnemonic devices to remember where they've hidden their nuts! Readers will explore brains large and small, smooth and wrinkly, through fascinating sidebars, plenty of real science vocabulary, and full-color illustrations and photos. They can even put their own brains to the test through DIY neuroscience activities, from honing memory skills to getting focused through meditation. This engaging book delivers lots of fascinating science and the opportunity to learn more through a “further exploration” section, source notes, and a bibliography.



Illustration copyright © 2025 by Daniel Duncan



HC: 9781536227642
\$19.99 (\$26.99 CAN)
PB: 9781536239584
\$12.99 (\$17.99 CAN)
Also available as an e-book
Ages 7–10

Jasmine Florentine is an author and illustrator who is passionate about using creative approaches to engage kids with science. After receiving a master's degree from MIT in mechanical engineering, she worked as a mechatronics engineer at a robotics company and an engineer and artist for FIRST, a nonprofit that runs robotics competitions to inspire students to pursue STEM. Her debut novel, *Hex Allen and the Clanksmiths*, was released in 2022. When she is not building robots, drawing cartoons, or championing STEM, Jasmine Florentine loves hiking and rambling at length about her current favorite book, usually at the same time. She lives in the UK with her family.

Maker Girl and Professor Smarts

Jasmine Florentine

With hands-on maker activities for readers to try, the first book in this zany graphic novel series follows two kid superheroes who use the powers of science and engineering to save their city, one ice cream cone at a time.

Introducing the newest superheroes of New Bork City: Maker Girl and Professor Smarts! So what if they didn't actually receive superpowers when that comet hit earth a few months back and created a bunch of other superheroes and supervillains? Maker Girl can make just about anything, and Professor Smarts is the sharpest kid on the block. They're more than a match for villainous Mr. Anti-Freeze, who's bent on ruining the town's ice cream—by turning it all to slime! This fast-paced story delivers classic hero escapades with light-hearted twists, and readers can get in on the action by making their own super creations, from a toilet-paper-roll grappling hook to some delicious sorbet. Every colorful page bursts with kid-friendly art, hilarious characters, and the excitement of STEM.

SCINTILLATING SERIES FROM MIT KIDS PRESS



HC: 9781536227352
\$17.99 (\$23.99 CAN)
PB: 9781536236637
\$6.99 (\$9.50 CAN)
Also available as an e-book
Ages 7–9

Dr. Marc J. Kushner is an astrophysicist, author, and science communicator who has published more than 110 professional papers in the peer-reviewed literature on topics including white dwarfs, gamma ray bursts, and supernovae, as well as articles for *Astronomy Today*, *Physics World*, and *Scientific American*. His debut book, *Marketing for Scientists: How to Shine in Tough Times*, was called by Neil deGrasse Tyson “the first of its kind.” Marc Kushner is based in Rhode Island.

Matt Schu is the illustrator of *Cut! How Lotte Reiniger and a Pair of Scissors Revolutionized Animation* by C. E. Winters and *My Cat Does Ballet* by Robert Heidbreder. He grew up in Portland, Oregon, and likes drawing trees, rocks, houses, and dark skies.

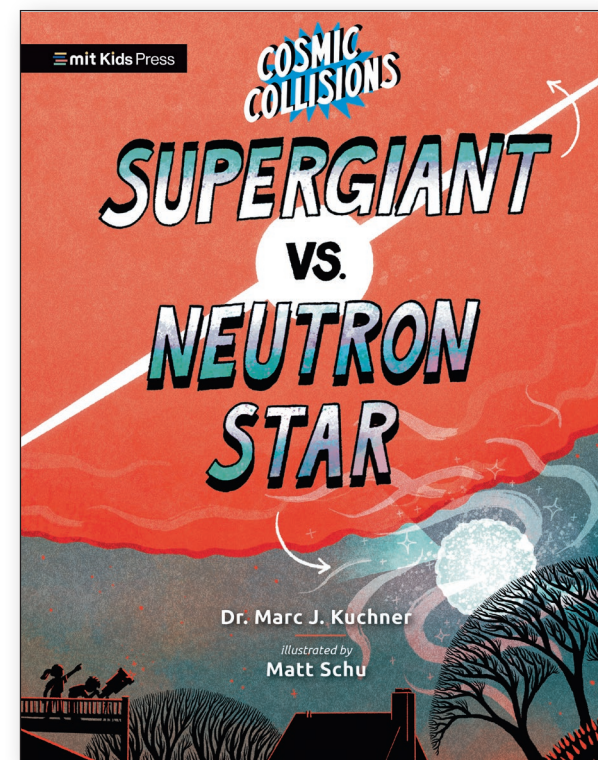
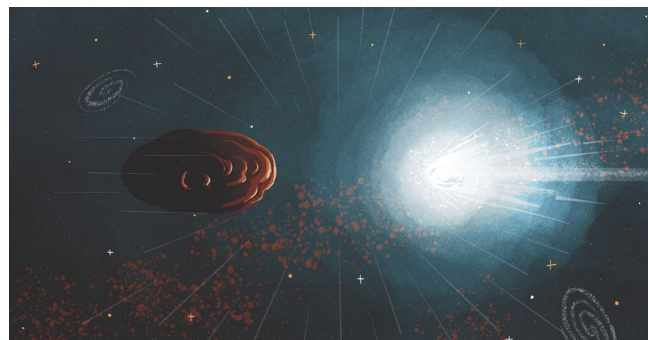
Cosmic Collisions: Asteroid vs. Comet

Dr. Marc J. Kushner
illustrated by Matt Schu

What happens when two massive hunks of hurtling space debris slam into each other? Welcome to round one in the Cosmic Collisions series—an exciting children’s debut from an expert astrophysicist.

There’s a comet speeding in from the outer solar system, and it’s about to slam into an asteroid. Who will be left standing after this interplanetary smackdown? The pockmarked asteroid, a veteran fighter who’s already seen some action? Or the dazzling comet, with its incredible velocity and a tail that stretches millions of miles? Kicking off a dynamic series on cosmic collisions, *Asteroid vs. Comet* starts by comparing the two opponents, then offers hints and context to encourage readers to use real science to form a hypothesis. Action-packed full-color illustrations with a graphic, comic-book feel will attract reluctant readers and kids who love smash-and-crash, along with budding scientists. Curious readers can find back matter addressing the question of fact versus fiction, how to become a citizen scientist, and comets and asteroids in the news.

“It’s an exuberant book that packs an out-of-this-world punch.” —*Publishers Weekly*



HC: 9781536227369
\$17.99 (\$24.50 CAN)
PB: 9781536242256
\$6.99 (\$9.50 CAN)
Also available as an e-book
Ages 7–9

Dr. Marc J. Kushner is an astrophysicist, author, and science communicator who has published more than 110 professional papers in the peer-reviewed literature on topics including white dwarfs, gamma ray bursts, and supernovae, as well as articles for *Astronomy Today*, *Physics World*, and *Scientific American*. His debut book, *Marketing for Scientists: How to Shine in Tough Times*, was called by Neil deGrasse Tyson “the first of its kind.” Marc Kushner is based in Rhode Island.

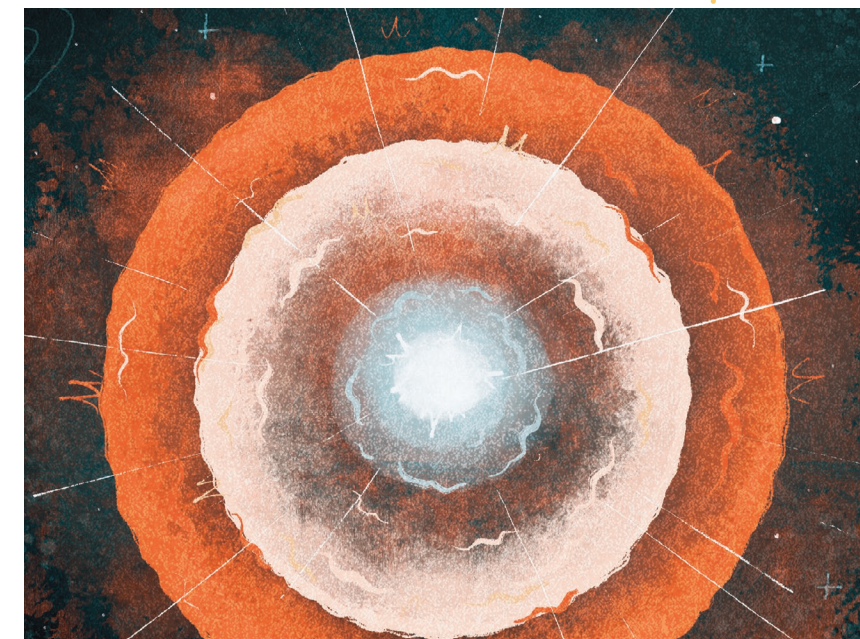
Matt Schu is the illustrator of *Cut! How Lotte Reiniger and a Pair of Scissors Revolutionized Animation* by C. E. Winters and *My Cat Does Ballet* by Robert Heidbreder. He grew up in Portland, Oregon, and likes drawing trees, rocks, houses, and dark skies.

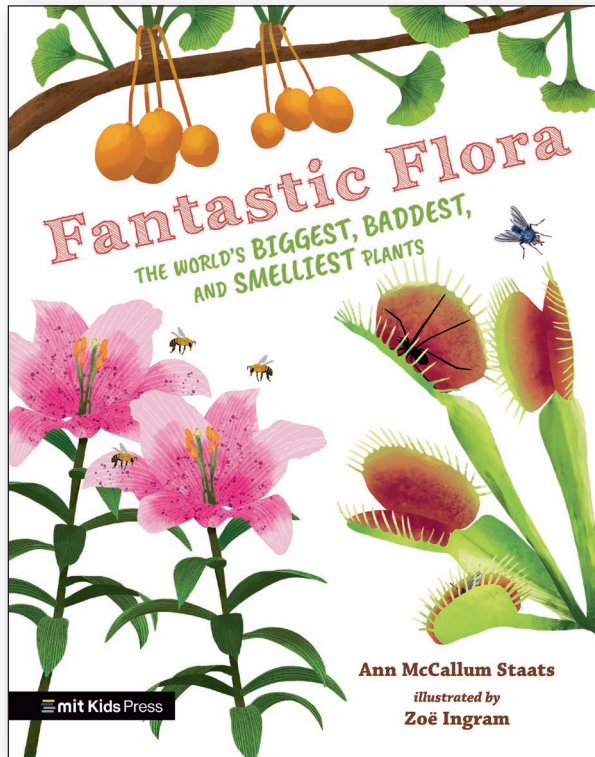
Cosmic Collisions: Supergiant vs. Neutron Star

Dr. Marc J. Kushner
illustrated by Matt Schu

Two massive stars face off, ready to tussle! Who will prevail? Readers get the stats from an expert astrophysicist and make their predictions before the final exciting KA-PLOOSH!

It’s time for the next round of outer-space, crash-and-smash fun, and this matchup is colossal! Two red supergiants are facing each other, ready for a scuffle. Each cranks out 100,000 times as much power as the Sun. (Don’t get too close or you’ll roast like a weenie in a campfire.) These mighty stars are equally matched, so either could come out on top—but hold on! One of the contenders has just exploded! And it’s left behind a neutron star with supernova energy. Now who will be left standing after this interstellar smackdown? It’s another collision of cosmic proportions in this fast-paced, fact-packed series, crammed with science, peppy illustrations, and the infectious energy of a live sporting event. Back matter provides even more info for curious fans.

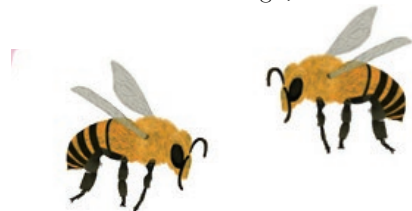




HC: 9781536232837
\$19.99 (\$26.99 CAN)
Also available as an e-book
Ages 8-12

Ann McCallum Staats is the author of numerous children's books, including the Eat Your Homework series, which garnered two Junior Library Guild Selections and a Bank Street College of Education's Best Children's Book of the Year; *The Secret Life of Math*; and *High Flyers: 15 Inspiring Women Aviators and Astronauts*. She has a master's degree in education and lives in Virginia with her family.

Zoë Ingram is an artist, designer, and author. With an honors degree in industrial design for textiles and a career in graphic design and the creative arts spanning over twenty years, she primarily works with mixed media and digital applications, often combining both traditional and digital techniques. You'll find her work on fabric, stationery, greetings cards, magazines, books, and home décor products. She lives in Edinburgh, Scotland.



Fantastic Flora: The World's Biggest, Baddest, and Smelliest Plants

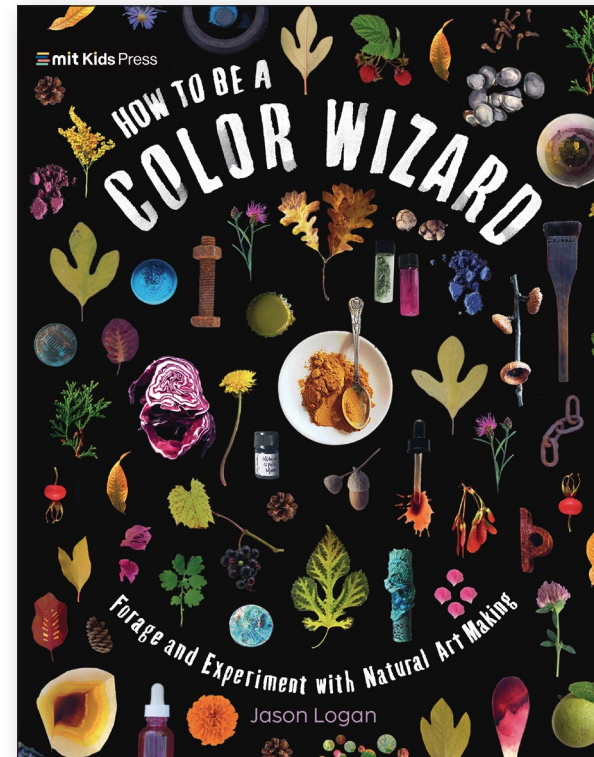
Ann McCallum Staats
illustrated by Zoë Ingram

From deadly nightshade to the flying duck orchid, discover how some of the biggest, baddest, smelliest, and strangest plants around the globe earn their reputation as masters of survival.

Ready to meet some far-out flora? Leaf through this book and you'll unearth some of the amazing adaptations that help plants thrive: Seeds that explode. Leaves that look like stones. Berries so deadly that swallowing just a few will stop your heart. A plant that eats meat, and another that pretends to *be* meat—rotten meat, with a smell so rank you'll want to plug your nose. Dig in to the science of plant survival in a botanical book blooming with lush illustrations and filled with engagingly narrated, fascinating facts about how plants flourish, even in the most extreme environments on earth. A glossary, source notes, index, and select bibliography round out the back matter for readers eager to know more.



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HC: 9781536229400
\$22.99 (\$29.99 CAN)
PB: 9781536239751
\$10.99 (\$14.99 CAN)
Also available as an e-book
Age 10 and up

Jason Logan is the founder of the Toronto Ink Company (maker of ink for Margaret Atwood, Yoko Ono, Michael Ondaatje, and Harley-Davidson). His art has been exhibited in New York City, Los Angeles, Toronto, and the Yukon, and his inkmaking revolution has been featured by the *New York Times*, Martha Stewart, the *New Yorker*, and NPR. His book for grown-up wizards, *Make Ink: A Forager's Guide to Natural Inkmaking*, was included in the *Guardian's* Best Books of 2018 roundup. *The Colour of Ink*, a film featuring his work, was a special selection at the Toronto International Film Festival in 2022. He can be found picking up rusty nails and scavenging for berries on the streets of Toronto, where he lives with his family and a giant dog known as Baby.

★ "Practical, imaginative, magical fun."
—*Kirkus Reviews* (starred review)

How to Be a Color Wizard: Forage and Experiment with Natural Art Making

Jason Logan

In a bountiful book combining art and chemistry, a celebrated ink maker invites kids to become color wizards—by foraging and transforming natural materials to make their own paint and artistic creations.

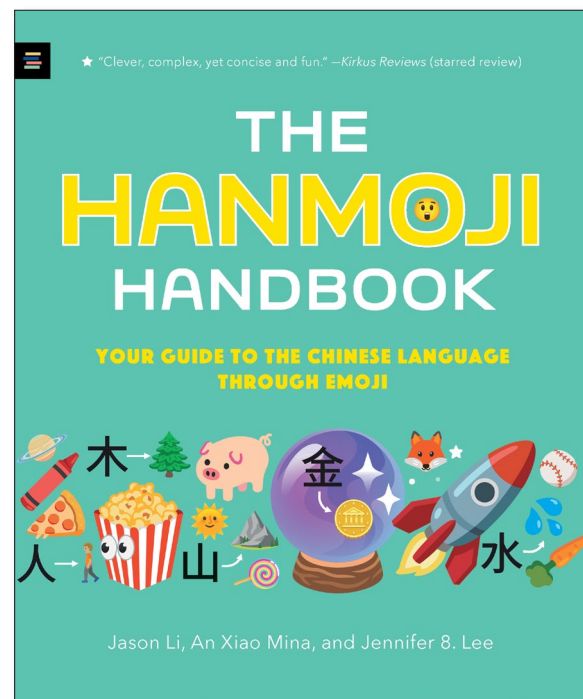
What colors might await in a leafy forest, a berry-stained back alley, a seaweedy beach, or even the dark corners of an ordinary fridge? With this book as a guide, curious young wizards can make natural confetti, unlock the hidden color power inside a leaf, and craft a paintbrush wand. They'll brew magic potions from beets and acorn caps to produce their own colors, from the darkest black to the palest pink to invisible ink, then share their discoveries with friends, family, and the whole color-hungry human race. With whimsy and infectious enthusiasm, master ink maker Jason Logan explains the science of color while presenting "quests," recipes, and hands-on activities using materials kids can find in their own homes and neighborhoods. Featuring both photographs and the author's own gorgeous homemade-ink illustrations, *How to Be a Color Wizard* is an ideal blend of art and science—plus a little bit of magic.



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HC: 9781536219142
\$22.99 (\$29.99 CAN)
PB: 9781536224085
\$12.99 (\$17.99 CAN)
Also available as an e-book



HC: 9781536219135
\$23.99 (\$33.99 CAN)
PB: 9781536230468
\$12.99 (\$17.99 CAN)
Also available as an e-book

Become an App Inventor: The Official Guide from MIT App Inventor: Your Guide to Designing, Building, and Sharing Apps

Karen Lang and Selim Tezel, MIT App Inventor Project and MIT Computer Science and Artificial Intelligence Laboratory

With a foreword by Gitanjali Rao, *Time* magazine's inaugural Kid of the Year, this engaging guide from MiTeen Press teaches anyone to design and publish their own apps—no experience necessary!—and introduces young app creators from around the world.

“A clear, empowering way to learn app-making.”
—*Kirkus Reviews*

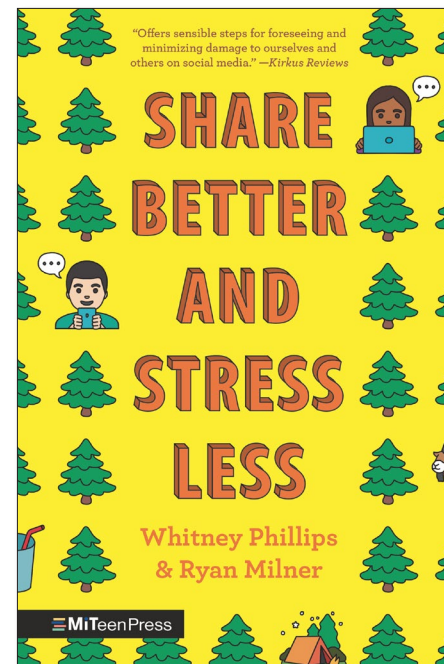
“This step-by-step guide is a valuable aide. . . .
A go-to resource for passionate creators who are ready to actively invent and design.”
—*Booklist*

The Hanmoji Handbook: Your Guide to the Chinese Language Through Emoji

Jason Li, An Xiao Mina, and Jennifer 8. Lee

Learn Chinese with a new twist! This full-color illustrated handbook introduces and explains Han characters and idioms through the language of emoji.

★ “Clever, complex, yet concise and fun: This guide promises to engage language learners and curious readers.”
—*Kirkus Reviews* (starred review)



HC: 9781536228748
\$19.99 (\$25.99 CAN)
PB: 9781536232691
\$14.99 (\$19.99 CAN)
Also available as an e-book
Age 14 and up

Whitney Phillips, PhD, is an assistant professor in the School of Journalism and Communication at the University of Oregon, with research interests in political communication, media history, and online ethics. She is the author of *This Is Why We Can't Have Nice Things: Mapping the Relationship Between Online Trolling and Mainstream Culture* and the coauthor, with Ryan M. Milner, of *The Ambivalent Internet: Mischief, Oddity, and Antagonism Online and You Are Here: A Field Guide for Navigating Polarized Speech, Conspiracy Theories, and Our Polluted Media Landscape*. *Share Better and Stress Less: A Guide to Thinking Ecologically about Social Media* is her first book for young adults. Whitney Phillips lives in Oregon.

Ryan M. Milner is an associate professor and the department chair of communication at the College of Charleston. He studies internet culture, including everything from funny GIFs to Twitter debates to large-scale propaganda campaigns. He is the author of *The World Made Meme: Public Conversations and Participatory Media* and, with Whitney Phillips, *The Ambivalent Internet: Mischief, Oddity, and Antagonism Online and You Are Here: A Field Guide for Navigating Polarized Speech, Conspiracy Theories, and Our Polluted Media Landscape*. *Share Better and Stress Less: A Guide to Thinking Ecologically about Social Media* is his first book for young adults. Ryan M. Milner lives in South Carolina.

Share Better and Stress Less: A Guide to Thinking Ecologically about Social Media

Whitney Phillips and Ryan Milner

Two media experts offer a witty, warm, and relatable take on how information pollution affects our online networks—and our well-being—and how to maximize a positive impact.

We know that pollution damages our physical environments—but what about the digital landscape? Touching on everything from goat memes gone wrong to conflict in group chats to the sometimes unexpected side effects of online activism, this lively guide to media literacy draws on ecological, social justice, and storytelling frameworks to help readers understand how information pollution spreads and why.

“Two university professors who specialize in communication in online environments offer teens advice on navigating the digital world. . . . Offers sensible steps for foreseeing and minimizing damage to ourselves and others on social media.” —*Kirkus Reviews*

“Phillips and Milner, literacy media educators, define information pollution on social media using an ecological approach—being mindful of connection, consequences, and shared responsibility on social media. . . . Tools to help young social-media posters keep their online spaces healthier for themselves and others are provided.” —*Booklist*



HC: 9781536219388
\$19.99 (\$25.99 CAN)
PB: 9781536232882
\$12.99 (\$17.99 CAN)
Also available as an e-book
Age 14 and up

A. R. Capetta is the author of *The Heartbreak Bakery*, *Echo After Echo*, *The Lost Coast*, and the best-selling *Once & Future* series, coauthored with their spouse, Cory McCarthy. They live in a small town in the mountains with their family.

Wade Roush is a journalist and audio producer who focuses on how science and technology are changing our lives and what we can do as individuals to steer that process. He is the editor of the hard science anthology *Twelve Tomorrows*, published by MIT Press. He holds a PhD from MIT in the history of technology and lives in Cambridge, Massachusetts.

Tasting Light: Ten Science Fiction Stories to Rewire Your Perceptions

edited by A. R. Capetta and Wade Roush
With stories by: William Alexander, K. Ancrum, Elizabeth Bear, A. R. Capetta, Charlotte Nicole Davis, Nasuğraq Rainey Hopson, A.S. King, E.C. Myers, Junauda Petrus-Nasah, and Wendy Xu

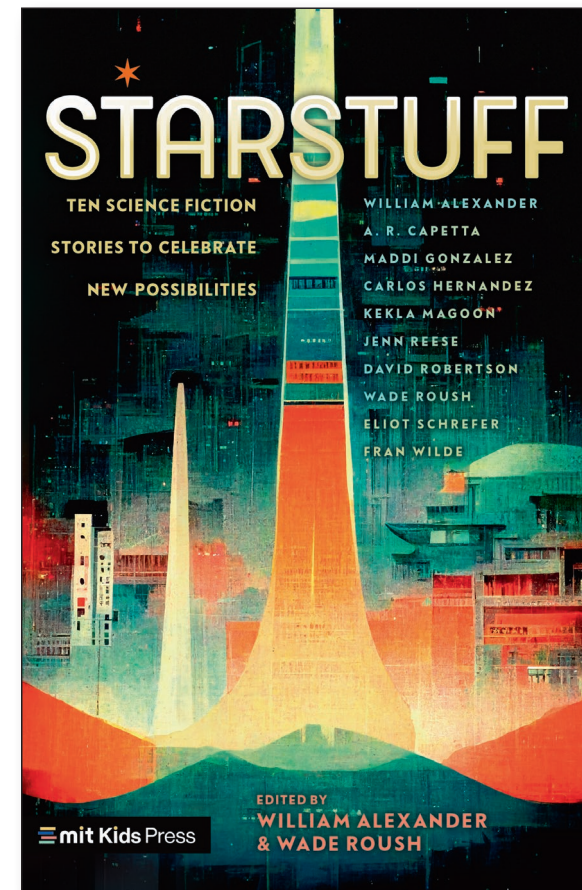
In a mind-bending MITeent anthology, ten top YA authors use emerging technologies to explore startling new realities.

★ “A diverse anthology showing hopeful futures imagined through the lens of technology. . . . A top-notch hard science fiction collection.” —*Kirkus Reviews* (starred review)

“This collection of innovative YA hard science fiction short stories thoughtfully reimagines a gender-diverse future from an array of perspectives. . . . Each story is unique, brilliant, and brimming with hope.” —*BuzzFeed*



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HC: 9781536236392
\$19.99 (\$26.99 CAN)
Also available as an e-book
Ages 9-12

William Alexander is a *New York Times* best-selling author of unrealisms for middle-grade readers and a contributor to *Tasting Light: Ten Science Fiction Stories to Rewire Your Perceptions*. His novel *Goblin Secrets* received the National Book Award, and his novel *Ambassador* won the Eleanor Cameron Award for excellence in juvenile science fiction and was a finalist for the International Latino Book Award. He served for three years as the faculty chair of the Vermont College of Fine Arts program in Writing for Children and Young Adults. He lives in Vermont.

William Alexander is a technology journalist and audio producer who focuses on how science and technology are changing our lives and what we can do as individuals to steer that process. He is the host of the podcast *Soonish* and the editor of the hard sci-fi anthology *Twelve Tomorrows*, published by MIT Press, and a co-editor with A. R. Capetta of *Tasting Light: Ten Science Fiction Stories to Rewire Your Perceptions*. He holds a PhD from MIT in the history of technology and lives in Santa Fe, New Mexico.

Starstuff: Ten Science Fiction Stories to Celebrate New Possibilities

Wade Roush, William Alexander, and more

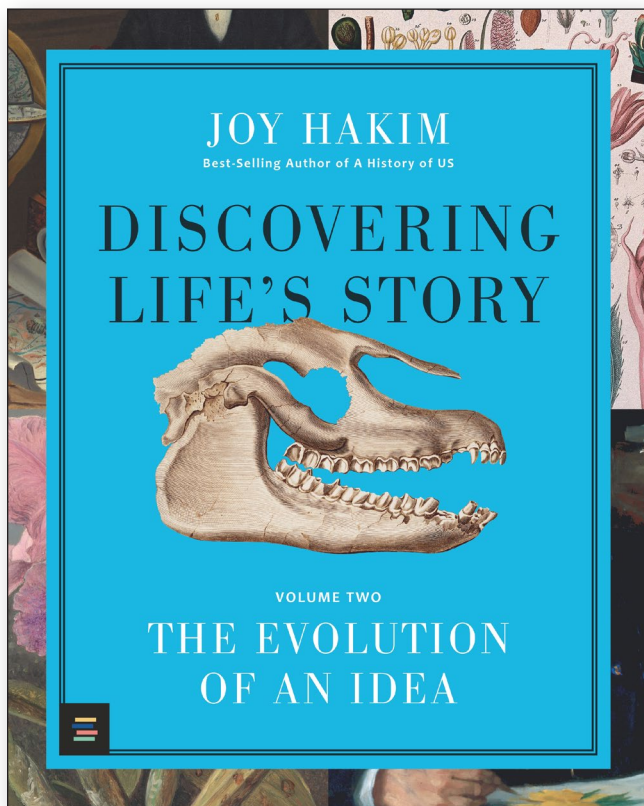
In a thrilling follow-up to *Tasting Light*, ten best-selling and award-winning masters of the form use the possible—and the premise of hope—to explore how science and technology can reshape our world and defy assumptions.

At once a collection of hard science fiction for curious middle-graders and an antidote to despair in the face of dystopian uncertainty, these ten horizon-bending stories may seem unreal, but all follow the rules of physics and biology as we understand them today. These tales of space junk, multiverse navigation, an asteroid named Doomsday, and bees and marmots in space pulse with honesty and optimism. Whether home is a planet, a moon, a space station, or a fleet starship, relatable protagonists of different genders, classes, nationalities, ethnicities, and orientations face challenges—some harrowing, some hilarious—true to their moment in time and space. Brisk plots, resonant themes, and scientific rigor define these forward-facing stories by leading middle-grade authors. Taken together, the tales champion youth agency through characters who approach science in adventurous ways, underscoring that we are all, indeed, made of the same luminous stuff.

With stories by:

William Alexander * A. R. Capetta * Maddi Gonzalez * Carlos Hernandez * Kekla Magoon * Jenn Reese * David Robertson * Wade Roush * Eliot Schrefer * Fran Wilde

DISCOVERING LIFE'S STORY



HC: 9781536222944

\$22.99 (\$29.99 CAN)

Also available as an e-book

Age 14 and up

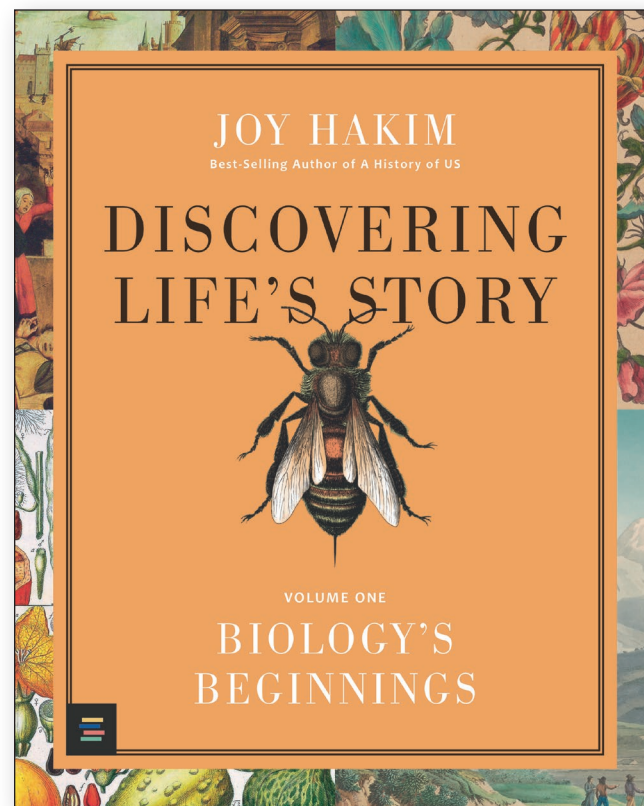
Joy Hakim is the best-selling author of *A History of US*, a ten-volume history of the United States that has sold more than three million copies, as well as the much-lauded Story of Science series that includes *Einstein Adds a New Dimension*. She has worked as a teacher, newspaper writer, and editor and lives in Maryland.

Discovering Life's Story: The Evolution of an Idea

Joy Hakim

In the second volume of the Discovering Life's Story series by best-selling author Joy Hakim, the theory of evolution takes hold—transforming ideas about survival, extinction, and life itself.

Can species change? Or go extinct? In the eighteenth century, most people answer no to both questions. But in the century that follows, that certainty gets challenged as some people in Europe question the common belief that all creatures are the same as they've been since life's creation. *The Evolution of an Idea*, the second volume of Discovering Life's Story, opens with the Swedish naturalist Carl Linnaeus, who attempts to create an organizing system for the myriad forms of life on earth. It continues into the late 1800s, when two Englishmen—Charles Darwin and Alfred Russel Wallace—each develop their own version of a startling new theory of how life-forms change over time. This evolutionary idea will alter the understanding of our place in the great web of life on earth. In this remarkable volume, author Joy Hakim continues charting the path of human discovery and shows how groundbreaking thinkers began to unlock the biological secrets of our own existence.



HC: 9781536222937

\$22.99 (\$29.99 CAN)

Also available as an e-book

Age 14 and up

Discovering Life's Story: Biology's Beginnings

Joy Hakim

With *Biology's Beginnings: Discovering Life's Story*, best-selling author Joy Hakim begins a quartet of volumes mapping the path of human discovery as we unlock the biological secrets of our own existence. Richly illustrated with archival source materials and fine art, this STEM treasure trove features a wealth of back matter certain to kindle the appetite of science lovers.

“Eye-catching photographs and illustrations supplement Hakim’s simple but engagingly fact-rich prose, making this an ideal introductory text for any budding naturalist, scientist, or doctor.” —*The Washington Post*

“A work of nonfiction for adolescent readers that has the brio of an adventure story. . . . In prose that is textured, humane, and spirited, Ms. Hakim describes the movements of armies and microbes, the discoveries of anatomists and astronomers, the insights of philosophers and doctors and explorers. Abundant illustrations—maps, portraits, engravings—help keep the pace excitingly brisk.”
—*The Wall Street Journal*

★ “In this well-researched, well-designed, and informatively written book, the fascinating story of life science as it was discovered throughout the ages is explored. Written for teens, this book delivers an engaging and accessible history of life science. . . . Many photos, contemporaneous drawings, and portraits enhance the sparkling narrative. Thoroughly engrossing and highly recommended.” —*Kirkus Reviews* (starred review)



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