

UPCOMING AND AVAILABLE TITLES



 **mit Kids Press**

 **MiTeen Press**

BIG SCIENCE FOR TINY TOTS

Why wait for college when you can teach your toddler advanced science as you go about your day? From the bath to the stroller, from chemistry to physics, the whole world is a lab for your little scientist.



On sale May 2, 2023
 BB: 978-1-5362-2966-0
 \$8.99 (\$11.99 CAN)

High Chair Chemistry

Secure your bib, open wide, and get ready to unpack the properties of matter. Chemistry is all around us—starting with Baby’s high chair . . .

After sterilizing your workstation, prepare to explore solids, which can be combined with liquids to form an optimal mixture. Now test your mixture. Eureka! Isn’t feeding time a total . . . gas? In a bright, graphic board book loaded with dry humor and comic timing, photos of happy, outrageously messy toddlers (and exhausted parents) complement a tongue-in-cheek running dialogue, interspersed with factual asides that define basic concepts of chemistry. So rest assured, with a high chair tray as a lab bench, your precocious little one can master chemistry multiple times a day!

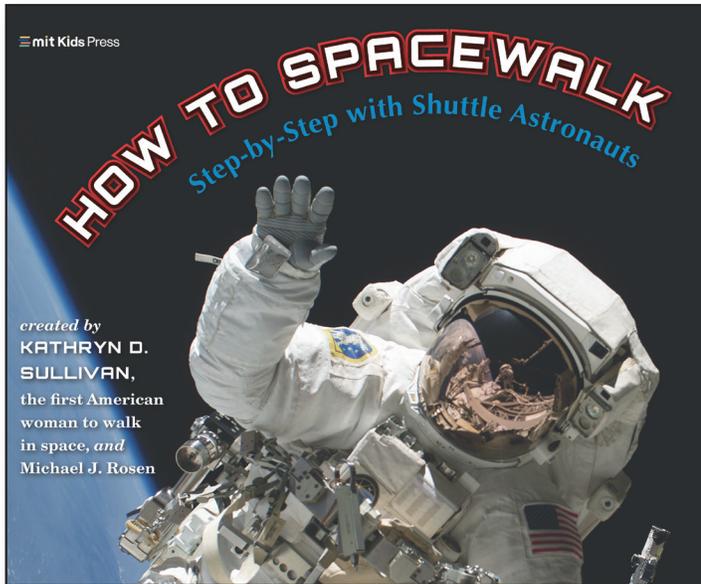


On sale May 2, 2023
 BB: 978-1-5362-2965-3
 \$8.99 (\$11.99 CAN)

Bath Time Physics

***Splish, splash!* Prepare to experience the forces of physics at work. It’s time for Baby’s bath . . .**

Even Einstein started somewhere, so who’s to say your little genius-to-be won’t find inspiration in the bath? Gather up your gear: floating toys, fluffy towels, warm tub, favorite little lab partner (may take multiple attempts). Place tiny tot in the tub (note water displacement), and proceed to explore buoyancy, gravity, and evaporation. Now it’s time to make waves and see that third law of motion in action. *Go, baby, go!* Wait, hold on . . . *Stop, baby, stop!* In a bright, graphic board book leavened with dry humor, photos of happy tykes and a tongue-in-cheek running dialogue are sprinkled with factual asides that define basic concepts of physics. So don your protective goggles—with a bathtub as a lab bench, your precocious little one can master physics every day!



On sale June 6, 2023
 HC: 978-1-5362-2621-8
 \$19.99 (\$25.99 CAN)

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

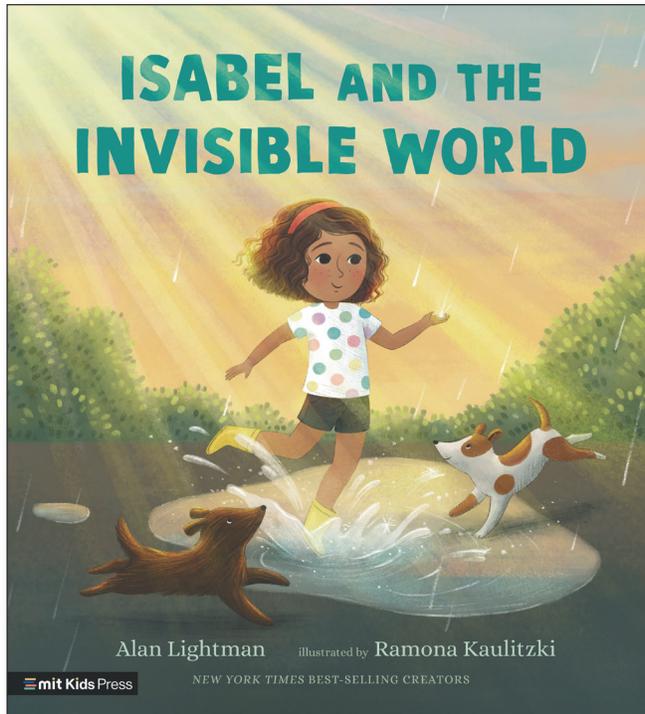
Kathryn D. Sullivan and Michael J. Rosen

Aspiring astronauts will be ready for liftoff with this thrilling guide to preparing for and doing a real spacewalk—featuring NASA photos from the author’s own space adventures.

What is it like to walk in space—to use cutting-edge equipment and conduct experiments in a 280-pound space suit? How do you get there in the first place? Would-be spacewalkers will find enthusiasm, vibrant encouragement, and a host of amazing facts, photos, drawings, and descriptions in this engaging guide cowritten by three-time shuttle astronaut Kathryn D. Sullivan and children’s book author Michael J. Rosen (who also provides illustrations). From detailed info about how to train (sometimes underwater!) to descriptions of the emotions spurred by seeing Earth from above, this guide will leave readers inspired and excited to start their own journeys into space.

Kathryn D. Sullivan, dubbed “the most vertical woman in the world” by coauthor Michael J. Rosen, has spanned the greatest vertical distance that any earthling has traveled, from the deepest ocean to the altitudes of three space shuttle missions. Among the first women in the US space program and the first American woman to conduct a spacewalk, she is also an oceanographer, global explorer, and pilot, as well as the author of *Handprints on Hubble* and the host of the podcast *Kathy Sullivan Explores*. For several years, she served as under secretary of commerce for the National Oceanic and Atmospheric Administration (NOAA). She lives in Ohio with a pair of Havanese pooches.

Michael J. Rosen is the author of some 150 books for readers of all ages, including *A Ben of All Trades: The Most Inventive Boyhood of Benjamin Franklin*, illustrated by Matt Tavares; *The Tale of Rescue*, illustrated by Stan Fellows; and four volumes of haiku. Although his imagination has soared in many directions and genres, one he’s never considered is *up*: a step stool is his maximum height, and a sheet of black construction paper on the floor makes him dizzy. Michael J. Rosen lives in the Appalachian foothills of Ohio, where he also works as a painter, sculptor, and printmaker and as the companion animal to a cattle dog named Chant.



On sale April 18, 2023
 HC: 978-1-5362-2333-0
 \$18.99 (\$24.99 CAN)

Alan Lightman is a physicist, educator, and acclaimed author for children and adults. His debut picture book, *Ada and the Galaxies*, illustrated by Susanna Chapman, was published by MIT Kids Press in 2021. He is also the best-selling author of *Einstein's Dreams*. Alan Lightman has a PhD in theoretical physics and is a professor of the practice of humanities at MIT. He lives in Massachusetts.

Isabel and the Invisible World

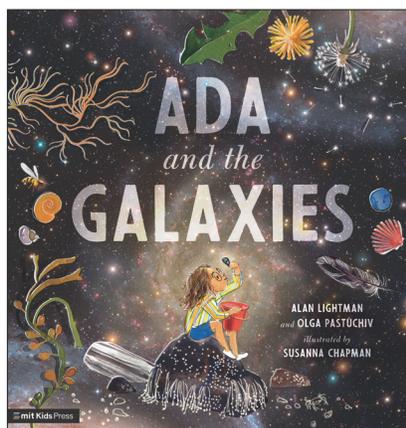
Alan Lightman
 illustrated by Ramona Kaulitzki

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

There's only one gift Isabel wants for her sixth birthday: a way to see invisible things. She can hardly think of anything else until the day of her party arrives! Unwrapping a big box, Isabel finds a surprise inside—a glass prism—and a dazzling world of previously invisible color emerges, lighting up the room around her. What else could be out there, waiting for her eyes to discover? In simple, engaging language, complemented by luminous artwork from best-selling illustrator Ramona Kaulitzki, author and physicist Alan Lightman unveils the hidden world of light waves—the ones you can see and the ones you can't. Back matter delves briefly into the subject of wavelengths, radio waves, and X-rays for readers curious to know more.

Ramona Kaulitzki is the illustrator of many books for children, including *Winter Lullaby* by Dianne White and the #1 *New York Times* bestseller *Sisters First* by Jenna Bush Hager and Barbara Pierce Bush. When she's not illustrating, she can be found somewhere outdoors or at the riding stable. Ramona Kaulitzki lives in Potsdam, Germany.

Available now!



HC: 978-1-5362-1561-8
 \$17.99 (\$23.99 CAN)
 PB: 978-1-5362-2863-2
 \$8.99 (\$11.99 CAN)

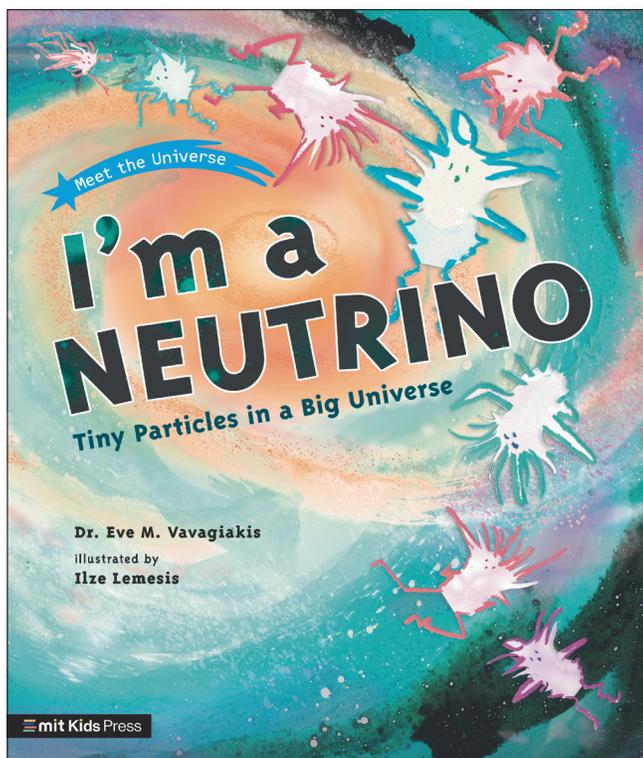
Ada and the Galaxies

Alan Lightman and Olga Pastuchiv
 illustrated by Susanna Chapman

★ “Young readers will delight in seeing our universe’s interconnect-
 edness, and, later, when Ada’s family dashes outside to spin in star-
 light, 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 sea-
 water that sparkles.” —*Publishers Weekly* (starred review)

★ “A joyful and dazzling exploration of our universe,
 on every scale.” —*Booklist* (starred review)



Available now

HC: 978-1-5362-2207-4

\$18.99 (\$24.99 CAN)

On sale March 14, 2023

PB: 978-1-5362-3084-0

\$7.99 (\$10.99 CAN)

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

Dr. Eve M. Vavagiakis

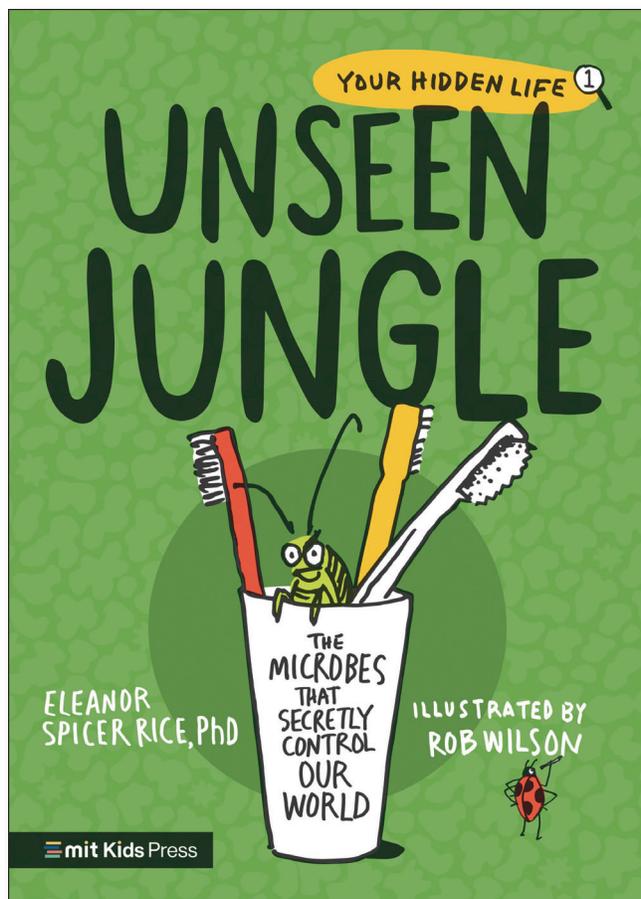
illustrated by Ilze Lemesis

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

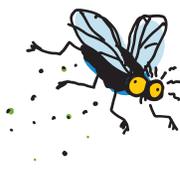
Before you finish reading this sentence, trillions upon trillions of neutrinos will have passed through your body. Not sure what a neutrino is? Get an up-close-and-personal introduction in this dazzling picture book from MIT Kids Press, told in lilting rhyme from the neutrino's point of view and filled with mind-bending, full-bleed illustrations that swirl and splash the cosmos to life. Some of the smallest bits of matter known to exist—and they exist everywhere—neutrinos are inspiring cutting-edge and Nobel Prize-winning research. Here, playful text and watercolor illustrations blended with photographs distill the concept of these mysterious particles down to its essence. “Know Your Neutrinos” end notes provide context for each spread, amplifying the science and making complex astrophysics and physics concepts approachable. This indispensable STEM title urges children to dream of contributing their own discoveries.

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





On sale May 2, 2023
 HC: 978-1-5362-2646-1
 \$19.99 (\$25.99 CAN)



Eleanor Spicer Rice, PhD, is an entomologist and the author of seven books, including *Dr. Eleanor's Book of Common Ants*, *Dr. Eleanor's Book of Common Spiders*, and *Ants: Workers of the World*. 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.

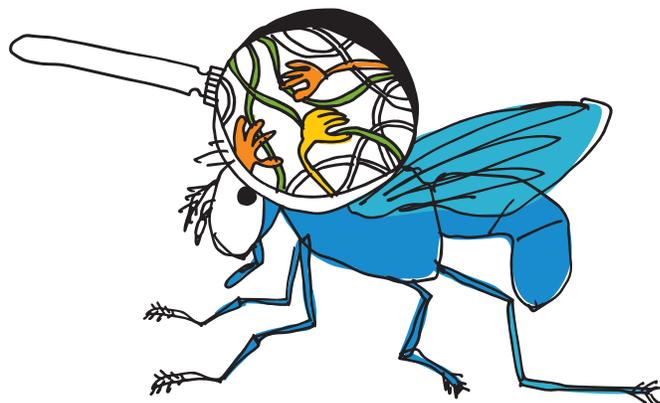
Unseen Jungle: The Microbes That Secretly Control Our World

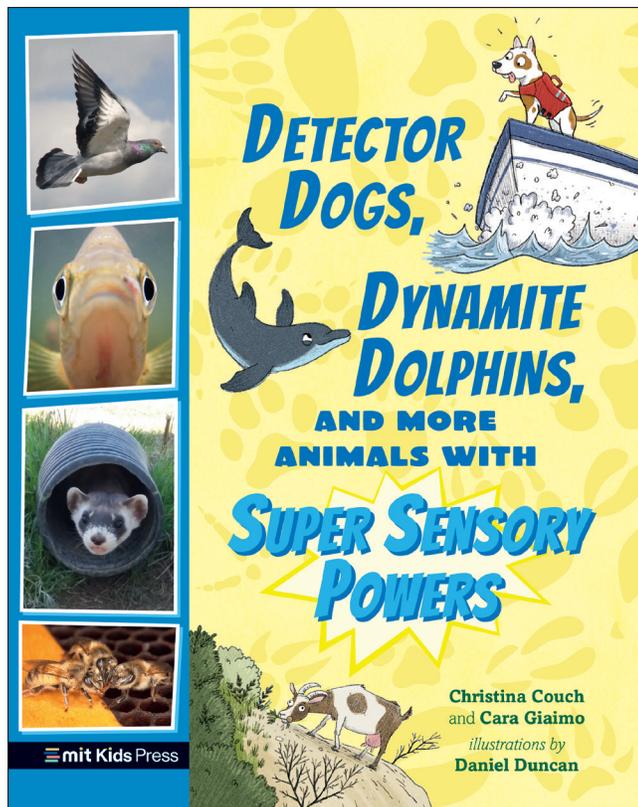
Eleanor Spicer Rice
 illustrated by Rob Wilson

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.

Microbes are everywhere: outside, indoors, on your body, in your body. In fact, microbial cells outnumber your human cells three to one. Whether helping people digest their food or using mind-control techniques to lure mice into the path of hungry cats (no, really), microbes form an unseen jungle all around us. Through zany facts, hilarious and sometimes disgusting illustrations, and interviews with experts in their fields, aspiring young scientists (or kids who just want to be grossed out) will discover a hidden world in which your health depends on a myriad of microbes, houseflies get zombified by fungi, and termites are saving the planet one fart at a time. With such extras as sidebars, limericks, and even a lesson on how to draw *E. coli*, this “eww”-worthy treasure trove for kids is an engrossing romp into the microbe drama unfolding where you might least expect it.

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 creator of the icon for the popular podcast *Welcome to Night Vale*, and his work has been featured in galleries in London and New York City, where he lives.





HC: 978-1-5362-1912-8
 \$24.99 (\$33.99 CAN)
 PB: 978-1-5362-2953-0
 \$12.99 (\$17.99 CAN)

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.

Fly alongside a photo-delivery pigeon, discover a honeybee’s electric secrets, and sail the high seas with a poop-sniffing dog detective on a mission to save endangered killer whales. All of these animals use their super senses, from echolocation to electroreception, to help human coworkers tackle real-world problems like pollution and global warming. Each chapter introduces a different animal, such as Felicia, the pipe-fixing ferret, and Rosita, a goat who helps prevent wildfires. With bright and entertaining text alongside colorful photos and illustrations, this book examines how each animal’s behavior and biology makes it perfectly suited for the job it does. At the end of each chapter, curious young scientists are invited to explore their own human senses through fun guided experiments.

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



COMING 2023

MiTeenPress

Share Better and Stress Less

A Guide to Thinking Ecologically
about Social Media



On sale March 14, 2023
HC: 978-1-5362-2874-8
\$19.99 (\$25.99 CAN)

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. It also helps them make sense of the often stressful and strange online world. Featuring a hyperconnected cast of teens and their social-media shenanigans, reader-friendly text tackles the thorny topic of internet ethics while empowering—and inspiring—young readers to weave a safe, secure, and inclusive digital world. Readers are invited to delve further into the subject with the help of comprehensive source notes and a bibliography in the back matter.

Photograph copyright © 2023 by iStock



Feeling Better So We Can Share Better



When people talk about the environment, they generally mean what's outside and separate from the people who live, work, or play within it. But the line between inside and outside is actually a lot blurrier than we might think. The stuff that happens inside, like a furnace generating a lot of ashy smoke, impacts what happens outside, like air quality. The stuff that happens outside, like a big storm, impacts what happens inside, like power outages. Social media aren't any different, which is the topic of this chapter: how our overall well-being (what's *in here*, which Whitney identifies by pointing dramatically from her head to her toes) influences what we're sharing on social media (what's *out there*, which Ryan identifies by pointing dramatically up, down, and all around his screens). It might seem strange at first, but to make sure we're sharing in the best and most careful ways possible, we need to take care of ourselves and of others—and to understand how stress can complicate things for everyone.

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* 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* is his first book for young adults. Ryan M. Milner lives in South Carolina.

NOW AVAILABLE



HC: 978-1-5362-1914-2
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PB: 978-1-5362-2408-5
\$12.99 (\$17.99 CAN)

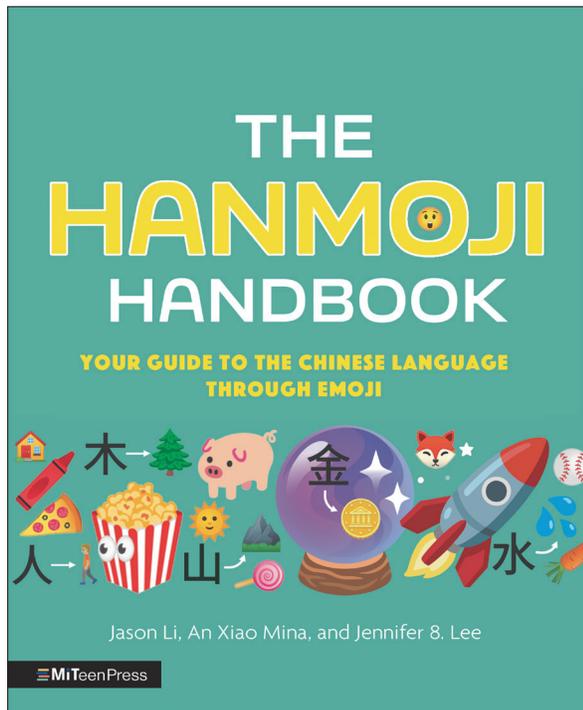
Become an App Inventor: The Official Guide from MIT App Inventor: Your Guide to Designing, Building, and Sharing Apps

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*



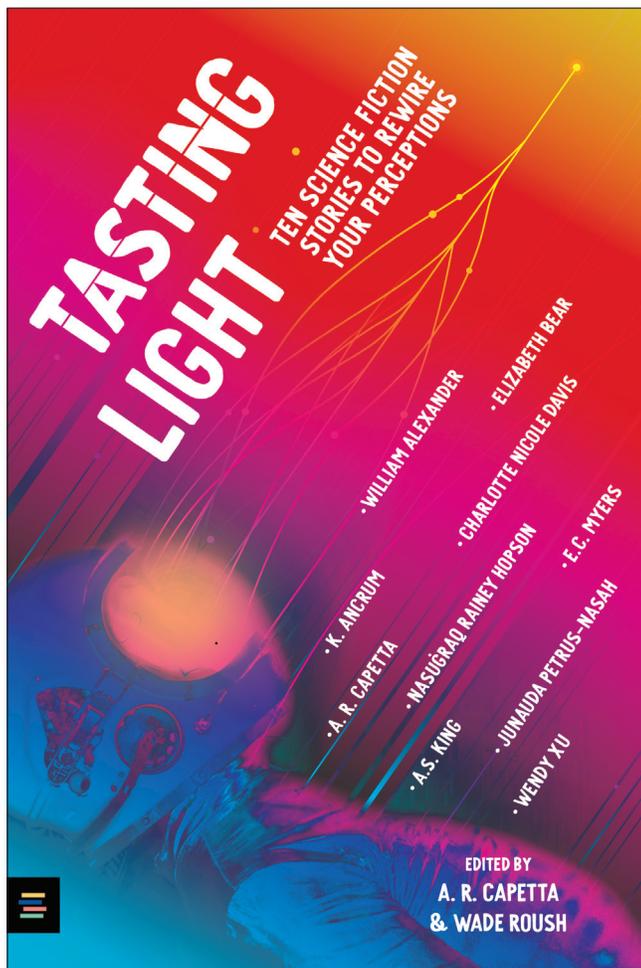
HC: 978-1-5362-1913-5
\$23.99 (\$33.99 CAN)

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: 978-1-5362-1938-8
\$19.99 (\$25.99 CAN)

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 the Green Mountains and teach in the MFA program in writing for children and young adults at Vermont College of Fine Arts.

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.

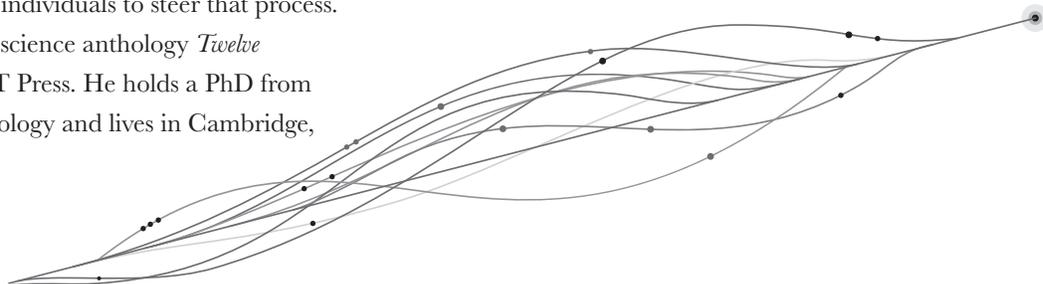
Tasting Light: Ten Science Fiction Stories to Rewire Your Perceptions

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

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

What does the future hold? Ten speculative short stories by leading authors of young adult fiction imagine what the world *could* be through the lens of technologies emerging today. In a world where the modification industry has transformed how humans look, sound, and interact, a nonbinary teen braves the “reinvention room” to accept a gift from the dead. In an accidental city in space, a young apprentice holds neighborhoods together with braided carbon filaments until distraction and inspiration arrive in the wake of a visitor. Entitlement-fueled drug use alters the landscape of white privilege, robots remember the Earth, and corporate “walkers” stroll for unknown subscribers—until one hacks the system. In tales buzzing with possibility, hope, innovation, anger, and tenderness, *Tasting Light* offers a dazzling challenge to connect with open minds, hearts, and senses in a fast-changing world.

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





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