

The following books are recommended by [Science Books and Films \(SB&F\)](#), the leading review journal for science books, films, and software for all ages. All were shortlisted for the AAAS/Subaru SB&F Prize for Excellence in Science Books. The prize celebrates outstanding science writing and illustration for children and young adults and is meant to encourage the writing and publishing of high-quality science books for all age groups. To learn more about the prize, please visit its site, <https://sbfprize.com>.

Children's Science Picture Books

After the Kill by Darrin Lunde, with illustrations by Catherine Stock. (Charlesbridge, 2011.) [Purchase](#).

Babies in the Bayou, written and illustrated by Jim Arnosky. (Penguin Group, 2007.) [Purchase](#).

Beauty and the Beak: How Science, Technology, and a 3D-Printed Beak Rescued a Bald Eagle by Deborah Lee Rose and Jane Veltkamp. (Persnickety Press, 2017.) [Purchase](#).

Because of an Acorn by Lola M. Schaefer and Adam Schaefer with illustrations by Frann Preston-Gannon. (Chronicle Books, 2016.) [Purchase](#).

The Beetle Book by Steve Jenkins. (Houghton Mifflin, 2012.) [Purchase](#).

A Beetle Is Shy by Dianna Hutts Aston with illustrations by Sylvia Long. (Chronicle Books, 2016.) [Purchase](#).

Bones, written and illustrated by Steve Jenkins. (Scholastic, 2010.) [Purchase](#).

Boy, Were We Wrong about Dinosaurs by Kathleen V. Kudlinski, with illustrations by S.D. Schindler. (Dutton Children's Books, 2005.) [Purchase](#).

Buried Sunlight: How Fossil Fuels Have Changed the Earth by Molly Bang and Penny Chisholm. (The Blue Sky Press, 2014.) [Purchase](#).

A Butterfly Is Patient by Dianna Hutts Aston, with illustrations by Sylvia Long. (Chronicle Books, 2011.) [Purchase](#).

A Chicken Followed Me Home by Robin Page. (Beach Lane Books, 2015.) [Purchase](#).

An Egg Is Quiet by Dianna Aston, with illustrations by Sylvia Long. (Chronicle Books, 2006.) [Purchase](#).

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Egg: Nature's Perfect Package by Steve Jenkins and Robin Page. (HMH Books for Young Readers, 2015.) [Purchase](#).

Eggs by Marilyn Singer, with illustrations by Emma Stevenson. (Holiday House, 2008.) [Purchase](#).

Gregor Mendel: The Friar Who Grew Peas by Cheryl Bardo, with illustrations by Jos A. Smith. (Harry N. Abrams, 2007.) [Purchase](#).

Grow! Raise! Catch!: How We Get Our Food by Shelly Rotner. (Holiday House, 2016.) [Purchase](#).

Have You Heard the Nesting Bird by Rita Gray, with illustrations by Kenard Park. (Houghton, Mifflin, Harcourt, 2014.) [Purchase](#).

High Tide for Horseshoe Crabs by Lisa Kahn Schnell, with illustrations by Alan Marks. (Charlesbridge, 2015.) [Purchase](#).

If You Were the Moon by Laura Purdie Salas (Author), Jamie Kim (Illustrator). (Millbrook Press, 2017.) [Purchase](#).

It's Our Garden: From Seeds to Harvest in a School Garden by George Ancona. (Candlewick, 2013.) [Purchase](#).

Just Ducks! by Nicola Davies, with illustrations by Salvatore Rubbino. (Candlewick, 2012.) [Purchase](#).

Life in the Ocean: the Story of Oceanographer Sylvia Earle by Claire A. Nivola. (Farrar Straus: 2012.) [Purchase](#).

Living Sunlight: How Plants Bring Earth to Life by Molly Bang & Penny Chisholm, with illustrations by Molly Bang. (Blue Sky Press, 2009.) [Purchase](#).

Lizards, written and photographed by Nic Bishop. (Scholastic, 2010.) [Purchase](#).

The Magic School Bus and the Climate Challenge, written by Joanna Cole and illustrated by Bruce Degen. (Scholastic, 2010.) [Purchase](#).

Marvelous Mattie: How Margaret E. Knight Became an Inventor, written and illustrated by Emily Arnold McCully. (Farrar, Straus, & Giroux, 2006.) [Purchase](#).

Moonshot: The Flight of Apollo 11, written and illustrated by Brian Floca. (Atheneum Books for Young Readers, 2009.) [Purchase](#).

My Awesome Summer by P. Mantis by Paul Meisel. (Holiday House, 2017.) [Purchase](#).

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Ocean Sunlight: How Tiny Plants Feed the Seas by Molly Bang & Penny Chisholm; illustrated by Molly Bang. (Blue Sky Press, 2012.) [Purchase](#).

Parrots over Puerto Rico by Susan L. Roth, Cindy Trumbore, with illustrations by Susan L. Roth. (Lee & Low Books, 2013.) [Purchase](#).

A Place for Bats by Melissa Stewart, with illustrations by Higgins Bond. (Peachtree, 2012.) [Purchase](#).

Rachel Carson and Her Book that Changed the World by Laurie Lawlor, with illustrations by Laura Beingessner. (Holiday House, 2012.) [Purchase](#).

Redwoods by Jason Chin. (Roaring Brook Press, 2009.) [Purchase](#).

Robins! How They Grow Up by Eileen Christelow, (Author & Illustrator). Houghton Mifflin Harcourt, 2017.) [Purchase](#).

Seabird in the Forest by Joan Dunning, with illustrations by the author. (Boyd's Mills Press, 2011.) [Purchase](#).

Seed, Soil, Sun by Chris Peterson, with illustrations by the author. (Boyd's Mills Press, 2011.) [Purchase](#).

Shark Lady: The True Story of How Eugenie Clark Became the Ocean's Most Fearless Scientist by Jess Keating (Author), Marta Alvarez Miguens (Illustrator). (Sourcebooks Jabberwocky, 2017.) [Purchase](#).

Sisters and Brothers by Steve Jenkins and Robin Page. (Houghton Mifflin, 2008.) [Purchase](#).

Solving the Puzzle Under the Sea: Marie Tharp Maps the Ocean Floor by Robert Burleigh with illustrations by Raúl Colón. (Simon & Schuster, Paula Wiseman Books, 2016.) [Purchase](#).

Spiders by Nic Bishop, with photographs by the author. (Scholastic, 2007.) [Purchase](#).

Things That Float and Things That Don't by David A. Adler, with illustrations by Anna Raff. (Holiday House, 2013.) [Purchase](#).

Tiny Creatures: The World of Microbes by Nicola Davies, with illustrations by Emily Sutton. (Candlewick, 2014.) [Purchase](#).

Too Hot? Too Cold? Keeping Body Temperature Just Right by Caroline Arnold, with illustrations by Annie Patterson. (Charlesbridge, 2013.) [Purchase](#).

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Tooth By Tooth: Comparing Fangs, Tusks, and Chompers by Sarah C. Levine with illustrations by T. S. Spookytooth. (Millbrook Press, 2016.) [Purchase](#).

Tree of Wonder by Kate Messner, with illustrations by Simona Mulazzani. (Chronicle Books, 2015.) [Purchase](#).

Turtle Summer: A Journal for My Daughter by Mary Alice Monroe, with photographs by Barbara J. Bergwerf. (Sylvan Dell, 2007.) [Purchase](#)

Vulture View by April Pulley Sayre, with illustrations by Steve Jenkins. (Henry Holt, 2007.) [Purchase](#).

What Bluebirds Do, written and photographed by Pamela F. Kirby. (Boyd's Mills Press, 2009.) [Purchase](#).

What Is Science? by Rebecca Kai Dotlich, with illustrations by Sachiko. (Henry Holt & Co., 2006.) [Purchase](#).

When Whales Cross the Sea: The Gray Whale Migration by Sharon Katz Cooper, with illustrations by Tom Leonard. (Picture Book Windows, 2015.) [Purchase](#).

Where in the Wild? Camouflaged Creatures Concealed and Revealed by David Schwartz and Yael Schy, with photographs by Dwight Kuhn. (Tricycle Press, 2007.) [Purchase](#).

Why Do Elephants Need the Sun?, written and illustrated by Robert E. Wells. (Albert Whitman & Company, 2010.) [Purchase](#).

Wings by Sneed B. Collard, III, with illustrations by Robin Brickman. (Charlesbridge, 2008.) [Purchase](#).

Wings of Light: The Migration of the Yellow Butterfly by Stephen R. Swineburne, with illustrations by Bruce Hiscock. (Boyd's Mills Press, 2006.) [Purchase](#).

The Wolves Are Back by Jean Craighead George, with illustrations by Wendell Minor. (Dutton, 2008.) [Purchase](#).

Middle Grades Science Books

Animals by the Numbers: A Book of Animal Infographics by Steve Jenkins. (Houghton Mifflin Harcourt, 2016.) [Purchase](#).

Being Caribou: Five Months on Foot with a Caribou Herd by Karsten Heuer. (Walker & Co., 2007.) [Purchase](#).

Biomimicry: Inventions Inspired by Nature by Dora Lee, with illustrations by Margot Thompson. (Kids Can Press, 2011.) [Purchase](#).

Bodies from the Ice: Melting Glaciers and the Recovery of the Past by James M. Deem. (Houghton Mifflin, 2008.) [Purchase](#).

The Book of Blood: From Legends and Leeches to Vampires and Veins by H.P. Newquist. (Houghton Mifflin, 2012.) [Purchase](#).

Cars on Mars: Roving the Red Planet by Alexandra Siy. (Charlesbridge, 2009.) [Purchase](#).

The Case of the Vanishing Golden Frog: A Scientific Mystery by Sandra Markle. (Millbrook Press, 2011.) [Purchase](#).

The Case of the Vanishing Honeybees: A Scientific Mystery by Sandra Markle. (Millbrook Press, 2013.) [Purchase](#).

Circulating Life: Blood Transfusion from Ancient Superstitions to Modern Medicine by Cherie Winner. (Twenty-First Century Books, 2007.) [Purchase](#).

Cold Light: Creatures, Discoveries, and Inventions that Glow by Anita Sitarski. (Boyd's Mills Press, 2007.) [Purchase](#).

Crow Smart: Inside the Brain of the World's Brightest Bird by Pamela Turner. (Houghton, Mifflin, Harcourt, 2016.) [Purchase](#).

A Dangerous Engine: Benjamin Franklin, from Scientist to Diplomat by Joan Dash. (Farrar, Straus, & Giroux, 2006.) [Purchase](#).

Dinosaur Eggs Discovered: Unscrambling the Clues! by Lowell Dingus, Luis M. Chaippe, and Rodolfo Coria. (Twenty-First Century Books, 2007.) [Purchase](#).

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Elephant Talk: The Surprising Science of Elephant Communication by Ann Downer. (Twenty-First Century Books, 2011.)

Eruption!: Volcanoes and the Science of Saving Lives (Scientists in the Field Series) by Elizabeth Rusch, with photographs by Tom Uhlman. (Houghton Mifflin Harcourt, 2013.) [Purchase.](#)

ER Vets: Life in an Animal Emergency Room by Donna M. Jackson. (Houghton Mifflin, 2005.) [Purchase.](#)

Eye of the Storm: NASA, Drones, and the Race to Crack the Hurricane Code by Amy Cherrix. (Houghton Mifflin Harcourt, 2017.) [Purchase.](#)

Faster, Higher, Smarter: Bright Ideas That Transformed Sports by Simon Shapiro. (Annick Press, 2016.) [Purchase.](#)

Fish Tricks: The Wild and Wacky World of Fish by Haude Levesque. (Moon Dance Press, 2016.) [Purchase.](#)

Frog Heaven: Ecology of a Vernal Pool by Doug Wechsler. (Boyd's Mills Press, 2007.) [Purchase.](#)

The Frog Scientist by Pamela S. Turner with photographs by Andy Comins. (Houghton Mifflin, 2009.) [Purchase.](#)

George Washington Carver by Tonya Bolden. (Abrams, 2008.) [Purchase.](#)

Great Monkey Rescue: Saving the Golden Lion Tamarins by Sandra Markle. (Millbrook Press, 2015.) [Purchase.](#)

The Hive Detectives: Chronicle of a Honey Bee Catastrophe, written by Loree Griffin Burns and photographed by Ellen Harasimowicz. (Houghton Mifflin, 2010.) [Purchase.](#)

Hopping Ahead of Climate Change by Sneed Collard III. (Bucking Horse Press, 2016.) [Purchase.](#)

How We Know What We Know About Our Changing Climate: Scientists and Kids Explore Global Warming by Lynne Cherry and Gary Braasch. (Dawn, 2008.) [Purchase.](#)

Inside Your Insides: A Guide to the Microbes That Call You Home by Claire Eamer. (Kids Can Press, 2016.) [Purchase.](#)

Invincible Microbe: Tuberculosis and the Never-ending Search for a Cure by Jim Murphy and Alison Blank. (Clarion, 2012.) [Purchase.](#)

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Kakapo Rescue: Saving the World's Strangest Parrot, written by Sy Montgomery and photographed by Nic Bishop. (Houghton Mifflin, 2010.) [Purchase](#).

Life on Earth—and Beyond: An Astrobiologist's Quest by Pamela S. Turner. (Charlesbridge, 2008.) [Purchase](#).

Lucy Long Ago: Uncovering the Mystery of Where We Came From by Catherine Thimmesh. (Houghton Mifflin, 2009.) [Purchase](#).

Migration Nation: Animals on the Go from Coast to Coast by Joanne O'Sullivan. (Charlesbridge, 2015.) [Purchase](#).

Mission Control, This Is Apollo: The Story of the First Voyages to the Moon by Andrew Chaikin. (Viking, 2009.) [Purchase](#).

Moonbird: A Year On the Wind With the Great Survivor B95 by Phillip Hoose. (Farrar Straus, 2012.) [Purchase](#).

The Octopus Scientists by Sy Montgomery, with illustrations by Keith Ellenbogen. (Houghton Mifflin Harcourt, 2015.) [Purchase](#).

Oh, Rats! The Story of Rats and People by Albert Marrin. (Dutton Children's Books, 2006.) [Purchase](#).

Remaking the John: The Invention and Reinvention of the Toilet by Francesca Davis DiPiazza. (Lerner/Twenty-First Century, 2014.) [Purchase](#).

The Secret of the Yellow Death: A True Story of Medical Sleuthing, written by Susan Jermain. (Houghton Mifflin, 2010.) [Purchase](#).

The Skull in the Rock: How a Scientist, a Boy, and Google Earth Opened a New Window on Human Origins by Lee R. Berger & Marc Aronson. (National Geographic Children's Books, 2012.) [Purchase](#).

The Story of Snow: The Science of Winter's Wonder, written by Mark Cassino and Jon Nelson and illustrated by Nora Aoyagi. (Chronicle, 2009.) [Purchase](#).

Tracking Trash: Flotsam, Jetsam, and the Science of Ocean Motion by Loree Griffin Burns. (Houghton Mifflin, 2007.) [Purchase](#).

Trash Talk: Moving toward a Zero-Waste World by Michelle Mulder. (Orca Book Publishers, 2015.) [Purchase](#).

Team Moon: How 400,000 People Landed Apollo II on the Moon by Catherine Thimmesh. (Houghton Mifflin, 2006.) [Purchase](#).

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Temple Grandin: How the Girl Who Loved Cows Embraced Autism and Changed the World by Sy Montgomery. (Houghton Mifflin, 2012.) [Purchase](#).

To Burp or Not to Burp: A Guide to Your Body in Space (Dr. Dave — Astronaut) by Dr. Dave Williams and Loredana Cunti. (Annick Press, 2016.) [Purchase](#).

Untamed: The Wild Life of Jane Goodall by Anita Silvey. (National Geographic, 2015.) [Purchase](#).

Voyager's Greatest Hits: The Epic Trek to Interstellar Space by Alexandra Siy. (Charlesbridge Publishing, 2017.) [Purchase](#).

What's Eating You? Parasites—The Inside Story by Nicola Davies, with illustrations by Neal Layton. (Candlewick, 2007.) [Purchase](#).

Wild Horse Scientists (Scientists in the Field Series) by Kay Frydenborg. (Houghton Mifflin Harcourt, 2012.) [Purchase](#).

World Without Fish by Mark Kurlansky, with illustrations by Frank Stockton. (Workman, 2011.) [Purchase](#).

Young Adult Science Books

Bone Detective: The Story of Forensic Anthropologist Diane France (From the Women's Adventures in Science Series) by Lorraine Jean Hopping. (Franklin Watts, 2005.) [Purchase](#).

The Boy Who Played with Fusion: Extreme Science, Extreme Parenting, and How to Make a Star by Tom Clynes. (Houghton Mifflin, 2015.) [Purchase](#).

Caesar's Last Breath: Decoding the Secrets of the Air Around Us by Sam Kean. (Little Brown & Co., 2017.) [Purchase](#).

The Canon: A Whirligig Tour of the Beautiful Basics of Science by Natalie Angier. (Houghton Mifflin, 2007.) [Purchase](#).

The Case for Pluto: How a Little Planet Made a Big Difference, written by Alan Boyle. (Wiley, 2009.) [Purchase](#).

The Cell: A Visual Tour of the Building Block of Life by Jack Challoner. (University of Chicago Press, 2015.) [Purchase](#).

Cool Stuff and How It Works by Chris Woodford and Luke Collins. (DK Publishing, 2005.) [Purchase](#).

Confessions of an Alien Hunter: A Scientist's Search for Extraterrestrial Intelligence by Seth Shostak, with a foreword by Frank Drake. (National Geographic Society, 2008.) [Purchase](#).

Darwin's Backyard: How Small Experiments Led to a Big Theory by James T. Costa. (W.W. Norton & Co., 2017.) [Purchase](#).

Death at Sea-World: Shamu and the Dark Side of Killer Whales Captivity by David Kirby. (St. Martins Press, 2012.) [Purchase](#).

Dinosaurs: The Most Complete-Up-To-Date Encyclopedia for Dinosaur Lovers of All Ages by Thomas R. Holtz, Jr. (Random House, 2007.) [Purchase](#).

The Disappearing Spoon: And Other True Tales of Madness, Love, and the History of the World from the Periodic Table of Elements, written by Sam Kean. (Little Brown, 2010.) [Purchase](#).

Every Bone Tells a Story: Hominin Discovery, Deductions, and Debates, written by Jill Rubalcaba and Peter Robertshaw. (Charlesbridge, 2010.) [Purchase](#).

Feathers by Thor Hanson. (Basic Books, 2011.) [Purchase](#).

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Feynman by Jim Ottaviani, with illustrations by Leland Myrick. (First Second, 2011.) [Purchase](#).

Frankenstein's Cat: Cuddling Up to Biotech's Brave New Beasts by Emily Anthes. (Scientific American/Farrar, Straus and Giroux, 2013.) [Purchase](#).

Gulp: Adventures on the Alimentary Canal by Mary Roach. (W.W. Norton & Company, 2013.) [Purchase](#).

How to Clone a Mammoth: The Science of De-Extinction by Beth Shapiro. (Princeton University Press, 2015.) [Purchase](#).

How to Tame a Fox (and Build a Dog): Visionary Scientists and a Siberian Tale of Jump-Started Evolution by Lee Alan Dugatkin and Lyudmila Trut. (University of Chicago Press, 2017.) [Purchase](#).

The Immortal Life of Henrietta Lacks, written by Rebecca Skloot. (Random House, 2010.) [Purchase](#).

Invisible Kingdom: From the Tips of Our Fingers to the Tops of Our Trash, Inside the Curious World of Microbes by Idah Ben-Barak. (Basic Books, 2009.) [Purchase](#).

Is Pluto a Planet? A Historical Journey Through the Solar System by David A. Weintraub. (Princeton, 2006.) [Purchase](#).

Lab Girl by Hope Jahren. (Knopf, 2016.) [Purchase](#).

Letters to a Young Scientist by Edward O. Wilson. (Liveright, 2013.) [Purchase](#).

Lost Mountain: A Year in the Vanishing Wilderness by Erik Reece. (Riverhead Books, 2006.) [Purchase](#).

Mirror Earth: The Search for our Planet's Twin by Michael Lemonick. (Walker & Company, 2012.) [Purchase](#).

An Ocean of Air: Why the Wind Blows and Other Mysteries of the Atmosphere by Gabrielle Walker. (Harcourt, 2007.) [Purchase](#).

The Odyssey of KP2: An Orphan Seal, a Marine Biologist, and the Fight to Save a Species by Terrie M. Williams. (Penguin Press, 2012.) [Purchase](#).

Plastic: A Toxic Love Story by Susan Freinkel. (Houghton Mifflin, 2011.) [Purchase](#).

Quakeland: On the Road to America's Next Devastating Earthquake by Kathryn Miles. Penguin Random House, 2017.) [Purchase](#).

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Resurrection Science: Conservation, De-Extinction and the Precarious Future of Wild Things by M.R. O'Connor. (St. Martin's Press, 2015.) [Purchase](#).

The Scent of Desire: Discovering Our Enigmatic Sense of Smell by Rachel Herz. (William Morrow & Co., 2007.) [Purchase](#).

Science Fair Season by Judy Dutton. (Hyperion Books, 2011.) [Purchase](#).

Seven Brief Lessons in Physics by Carlo Rovelli. (Penguin Press, 2016.) [Purchase](#).

The Soul of an Octopus: A Surprising Exploration into the World of Consciousness by Sy Montgomery. (Simon and Schuster, 2015.) [Purchase](#).

The Survivors Club: The Secrets and Science that Could Save Your Life by Ben Sherwood. (Grand Central, 2009.) [Purchase](#).

The Telephone Gambit: Chasing Alexander Graham Bell's Secret by Seth Shulman. (W. W. Norton, 2008.) [Purchase](#).

The Triumph of Seeds: How Grains, Nuts, Kernels, Pulses, and Pips Conquered the Plant Kingdom and Shaped Human History by Thor Hanson. (Basic Books, 2015.) [Purchase](#).

Tigerland and Other Unintended Destinations by Eric Dinerstein. (Island Press, 2005.) [Purchase](#).

The Violinist's Thumb and Other Tales of Love, War, and Genius as Written by Our Genetic Code by Sam Kean. (Little Brown, 2012.) [Purchase](#).

Welcome to Your Brain: Why You Lose Your Car Keys But Never Forget How to Drive and Other Puzzles of Everyday Life by Sandra Aamodt and Sam Wang. (Bloomsbury, 2008.) [Purchase](#).

*Why Sh*t Happens: The Science of a Really Bad Day* by Peter J. Bentley (Rodale Press, 2009.) [Purchase](#).

The Wild Trees: A Story of Passion and Daring by Richard Preston (Random House, 2007.) [Purchase](#).

Zoobiquity: What Animals Can Teach Us about Health and the Science of Healing by Barbara Natterson-Horowitz and Kathryn Bowers. (Knopf, 2012) [Purchase](#).

Hands-on Science Books

Amazing (Mostly) Edible Science: A Family Guide to Fun Experiments in the Kitchen by Andrew Schloss. (Quarry Books, 2016.) [Purchase](#).

Animal Tracks & Signs by Jinny Johnson. (National Geographic Society, 2008.) [Purchase](#).

Beyond the Solar System: Exploring Galaxies, Black Holes, Alien Planets, and More by Mary Kay Carson. (Chicago Review Press, 2013.) [Purchase](#).

Birdology: 30 Activities and Observations for Exploring the World of Birds by Monica Russo, with photographs by Kevin Byron. (Chicago Review Press, 2015.) [Purchase](#).

The Book of Potentially Catastrophic Science, written and illustrated by Sean Connolly. (Workman, 2010.) [Purchase](#).

The Brook Book by Jim Arnosky. (Dutton, 2008.) [Purchase](#).

Citizen Scientists: Be a Part of Scientific Discovery From Your Own Backyard by Loree Griffin Burns; photographs by Ellen Harasimowicz. (Henry Holt, 2012.) [Purchase](#).

Droughts by Melissa Stewart. (HarperCollins, 2017.) [Purchase](#).

Crazy Concoctions: A Mad Scientist's Guide to Messy Mixtures by Jordan D. Brown; illustrated by Anthony Owsley. (Image Pub, 2011.) [Purchase](#).

Ellie's Log: Exploring the Forest Where the Great Tree Fell by Judith L. Li. (Oregon State University Press, 2013.) [Purchase](#).

Experiment with What a Plant Needs to Grow by Nadia Higgins. (Lerner, 2015.) [Purchase](#).

Exploratopia by Pat Murphy, Ellen Macaulay, and the staff of the Exploratorium. (Little Brown & Company, 2007.) [Purchase](#).

Forgery: Crime-Solving Science Experiments by Kenneth G. Rainis. (Enslow, 2006.) [Purchase](#).

The Great Graph Contest by Loreen Leedy. (Holiday House, 2005.) [Purchase](#).

How to Raise Monarch Butterflies: A Step-by-Step Guide for Kids by Carol Pasternak. (Firefly, 2012.) [Purchase](#).

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Insect Detective, written by Steve Voake and illustrated by Charlotte Voake. (Candlewick, 2010.) [Purchase](#).

Inventions That Could Have Changed the World . . . But Didn't! by Joe Rhatigan, with illustrations by Anthony Owsley. (Charlesbridge, 2015.) [Purchase](#).

A Kid's Guide to Keeping Chickens by Melissa Caughey. (Storey Publishing, 2015.) [Purchase](#).

Kirby's Journal: Backyard Butterfly Magic by Charlotte Caldwell. (University of South Carolina Press, 2015.) [Purchase](#).

Look Up!: Bird-Watching in Your Own Backyard by Annette LeBlanc Cate. (Candlewick, 2013.) [Purchase](#).

Lowdown on Earthworms by Norma Dixon. (Fitzhenry & Whiteside, 2006.) [Purchase](#).

Magnets Push, Magnets Pull by David A. Adler. (Holiday House, 2017.) [Purchase](#).

Nature Science Experiments, written by Sudipta Bardhan-Quallen and illustrated by Edward Miller. (Sterling, 2010.) [Purchase](#).

Outdoor Science Lab for Kids, 52 Family-Friendly Experiments for the Yard, Garden, Playground, and Park by Liz Lee Heinecke. (Quarry Books, 2016.) [Purchase](#).

Outside: A Guide to Discovering Nature by Maria Ana Peixe Dias and Ines Teixeira do Rosario. (Frances Lincoln Children's Books, 2016.) [Purchase](#).

Potatoes on Rooftops: Farming in the City by Hadley Dyer. (Annick Press, 2012.) [Purchase](#).

Recycled Science: Bring Out Your Science Genius with Soda Bottles, Potato Chip Bags, and More Unexpected Stuff by Tammy Enz and Jodi Lyn Wheeler-Toppen. (Capstone, 2016.) [Purchase](#).

Ricky's Atlas: Mapping a Land on Fire by Judith L. Li with illustrations by M. L. Herring. (Oregon State University Press, 2016.) [Purchase](#).

Sound Projects with a Music Lab You Can Build by Robert Gardner. (Enslow, 2008.) [Purchase](#).

Stellar Science Projects about Earth's Sky by Robert Gardner. (Enslow, 2007.) [Purchase](#).

Temperature (From the Measure Up! Series) by Navin Sullivan. (Marshall Cavendish, 2006.) [Purchase](#).

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This Book Stinks! Gross Garbage, Rotten Rubbish, and the Science of Trash by Sarah Wassner Flynn. (National Geographic Children's Books, 2017.) [Purchase](#).

Thomas Edison for Kids by Laurie Carlson. (Chicago Review Press, 2006.) [Purchase](#).

Treecology: 30 Activities and Observations for Exploring the World of Trees and Forests by Monica Russo with photographs by Kevin Byron. (Chicago Review Press, 2016.) [Purchase](#).

True Green Kids: 100 Things You Can Do to Save the Planet by Kim McKay and Jenny Bonnin. (National Geographic Society, 2008.) [Purchase](#).

Try This! 50 Extreme Fun & Safe Experiments for the Mad Scientist in You by Karen Romano Young. (National Geographic Children's Books, 2017.) [Purchase](#).

The Ultimate Guide to Your Microscope by Shar Levine and Leslie Johnstone. (Sterling, 2008.) [Purchase](#).

The World In Your Lunch Box: The Wacky History and Weird Science of Everyday Foods by Claire Eamer; artwork by Sa Boothroyd. (Annick Press, 2012.) [Purchase](#).

You Are the Earth: Know Your World So You Can Help Make It Better, written by David Suzuki and Kathy Vanderlinden and illustrated by Wallace Edwards. (Greystone, 2010.) [Purchase](#).

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