

# SB&F's 2016 Best Lists

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**H**ere is our listing of highly recommended resources for children, young adults, and general audiences reviewed during the 2016 volume year. For each book or film, we provide the SB&F levels and the volume and page numbers in which the reviews were published. Subscribers can refer to these notations to find the full reviews in the archived issues at [www.sbsonline.com](http://www.sbsonline.com).

BEST BOOKS

*13.8: The Quest to Find the True Age of the Universe and the Theory of Everything*, by Gribbin, John. **[YA, C, T, GA]** No. 07, p. 277

*3D Printed Science Projects: Ideas for Your Classroom, Science Fair, or Home*, by Horvath, Joan, and Rich Cameron. **[EP, EI, EA, JH, YA]** No. 07, p. 284

*About Marine Mammals*, by Sill, Cathryn. (Illus. by John Sill; from the About...Series.) **[EI, EA]** No. 10, p. 409

*Ada's Violin: The Story of the Recycled Orchestra of Paraguay*, by Hood, Susan. (Illus. by Sally Wern Comport.) **[EI, EA, JH, GA]** No. 10, p. 411

*Adventures in Human Being: A Grand Tour from the Cranium to the Calcaneum*, by Francis, Gavin. (Illus.) **[YA, C, T, GA]** No. 02, p. 64

*The Age of Sustainable Development*, by Sachs, Jeffrey D. with a foreword by Ban Ki-moon. (Illus.) **[C, T, GA]** No. 02, p. 57

*Am I Like You?*, by Erickson, Laura, and Brian Sockin. (Illus. by Anna Rettberg.) **[K, EP]** No. 08, p. 323

*Amazing (Mostly) Edible Science: A Family Guide to Fun Experiments in the Kitchen*, by Schloss, Andrew. (Photographs. by Chris Rochelle.) **[EP, EI, EA, T]** No. 09, p. 359

*Amazing Paper Airplanes: The Craft and Science of Flight*, by Lee, Kyong Hwa. (Illus.) **[GA]** No. 11, p. 457

*An Ambush of Tigers: A Wild Gathering of Collective Nouns*, by Rosenthal, Betsy R. (Illus. by Jago.) **[EP, EI]** No. 02, p. 65

*And Soon I Heard a Roaring Wind: A Natural History of Moving Air*, by Streever, Bill. **[JH, YA, C, T, GA]** No. 09, p. 354

*Animal Scientist and Activist Jane Goodall*, by Hustad, Douglas. (Illus.; from the STEM Trailblazer Bios Series.) **[EA]** No. 11, p. 460

*Argument-Driven Inquiry in Life Science: Lab Investigations for Grades 6-8*, by Enderle, Patrick J., et al. (Illus.) **[YA, T]** No. 03, p. 112

*Astronaut Mae Jemison*, by Lassieur, Allison. (Illus.; from the STEM Trailblazer Bios Series.) **[EA]** No. 11, p. 464

*Astronomy, Astronauts, and Space Exploration*, by Gifford, Clive. (Illus.; from the Watch This Space! Series.) **[EA, JH]** No. 01, p. 31

*Baby Birds: An Artist Looks into the Nest*, by Zickefoose, Julie. (Illus.) **[YA, C, T, GA]** No. 08, p. 320

*Bacteria!*, by Canavan, Roger. (Illus. by Mark Bergin; from the You Wouldn't Want to Live Without Series.) **[K, EP, EI]** No. 04, p. 155

*Beaks, Bones and Bird Songs: How the Struggle for Survival Has Shaped Birds and Their Behavior*, by Lederer, Roger. (Illus.) **[YA, C, T, GA]** No. 11, p. 456

*Big Data, Little Data, No Data: Scholarship in the Networked World.*, by Borgman, Christine L. **[C, T, GA]** No. 02, p. 58

*The Big Ratchet: How Humanity Thrives in the Face of Natural Crisis*, by DeFries, Ruth. **[YA, C, T, GA]** No. 02, p. 60

*Big Science: Ernest Lawrence and the Invention That Launched the Military-Industrial Complex*, by Hiltzik, Michael. **[C, T, GA]** No. 01, p. 20

*Bioengineering: Discover How Nature Inspires Human Designs*, by Burillo-Kirch, Christine. (Illus. by Alexis Cornell; from the Build It Yourself Series.) **[EA, JH]** No. 11, p. 454

*Bioluminescence: Nature and Science at Work*, by Zimmer, Marc. (Illus.) **[YA, GA]** No. 05, p. 189

*Bird Brain: An Exploration of Avian Intelligence*, by Emery, Nathan, with a foreword by Frans de Waal. (Illus.) **[GA]** No. 10, p. 396

*Brain Storms: The Race to Unlock the Mysteries of Parkinson's Disease*, by Palfreman, Jon. **[YA, C, T, GA]** No. 07, p. 280

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*Bug Camp: Where Every Day's an Adventure*, by Forrest, Tim, and Jen Hamel. (Illus.) [EP, EI, EA, JH] No. 09, p. 361

*Butterflies: A Complete Guide to Their Biology and Behavior*, 2nd ed, by Vane-Wright, Dick. (Illus.) [YA, C, T, GA] No. 02, p. 63

*The Call of the Osprey*, by Patent, Dorothy Hinshaw. (Photographs by William Munoz; from the Scientists in the Field Series.) [EA, JH, YA] No. 02, p. 68

*Candid Creatures: How Camera Traps Reveal the Mysteries of Nature*, by Kays, Roland. [YA, C, T, GA] No. 08, p. 319

*Clown Fish*, by Schuh, Mari. (Illus.; from the Sea Life Series.) [K, EP] No. 02, p. 69

*Complexity: The Evolution of Earth's Biodiversity and the Future of Humanity*, by Burger, William C. [JH, YA, C, T, GA] No. 11, p. 452

*The Cosmic Cocktail: Three Parts Dark Matter*, by Freese, Katherine. (Illus.) [C, T] No. 03, p. 108

*Creative Writing in Science: Activities that Inspire*, by Coppens, Katie. (Illus.) [JH, YA, C, T, GA] No. 05, p. 190

*Day of the Dinosaurs: Step into a Spectacular Prehistoric World*, by Brusatte, Steve. (Illus. by Daniel Chester.) [EP, EI, EA] No. 10, p. 404

*The Death of Cancer*, by DeVita, Jr., M.D., Vincent T., and Elizabeth DeVita-Raeburn. [JH, YA, C, T, GA] No. 07, p. 279

*Decoding Chomsky: Science and Revolutionary Politics*, by Knight, Chris. [C] No. 11, p. 448

*Deep Roots: How Trees Sustain Our Planet*, by Tate, Nikki. (Illus.; from the Orca Footprints Series.) [EI, EA] No. 08, p. 322

*Dentists!*, by Macdonald, Fiona. (Illus. by David Antram; from the You Wouldn't Want to Live Without Series.) [K, EP, EI, EA] No. 04, p. 155

*DNA Detective*, by Lloyd Kyi. Tanya. (Illus. by Lil Crump.) [EA, JH] No. 07, p. 280

*Einstein at Home*, by Herneck, Friedrich, with a foreword by Alice Calaprice. Josef Eisinger (Translator). (Illus.) [JH, YA, C, GA] No. 10, p. 399

*Einstein's Masterwork: 1915 and the General Theory of Relativity*, by Gribbin, John. [YA, C, T, GA] No. 09, p. 353

*Engineering: Cool Women Who Design*, by May, Vicki V. (Illus. by Allison Bruce; from the Girls in Science Series.) [EI, EA, GA] No. 07, p. 285

*Explore Soil with 25 Great Projects*, by Reilly, Kathleen M. (Illus. by Bryan Stone.) [EP, EI, EA] No. 01, p. 29

*Explore the Cosmos Like Neil DeGrasse Tyson*, by Saucier, Cap. (Illus.) [JH] No. 02, p. 61

*Extreme Wildfire: Smoke Jumpers, High-Tech Gear, Survival Tactics, and the Extraordinary Science of Fire*, by Thiessen, Mark, with Glen Phelan. [JH, YA] No. 09, p. 350

*Faster, Higher, Smarter: Bright Ideas that Transformed Sports*, by Shapiro, Simon. [EA, JH] No. 07, p. 285

*Fibonacci Zoo.*, by Robinson, Tom. (Illus. by Christina Wald.) [K, EP, EI] No. 01, p. 29

*Fish Tricks: The Wild & Wacky World of Fish*, by Levesque, Haude. [EP, EI, EA] No. 11, p. 462

*Follow the Moon Home: A Tale of One Idea, Twenty Kids, and a Hundred Sea Turtles*, by Cousteau, Philippe, and Deborah Hopkinson. (Illus. by Meilo So.) [EP, EI] No. 10, p. 409

*Follow That Bottle! A Plastic Recycling Journey*, by Heos, Bridget. (Illus. by Alex Westgate; from the Keeping Cities Clean Series.) [K, EP] No. 10, p. 402

*Follow That Garbage! A Journey to the Landfill*, by Heos, Bridget. (Illus. by Alex Westgate.) [K, EP] No. 10, p. 402

*Follow That Paper! A Paper Recycling Journey.*, by Heos, Bridget. (Illus. by Alex Westgate; from the Keeping Cities Clean Series.) [K, EP] No. 10, p. 402

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*Follow That Tap Water! A Journey Down the Drain*, by Heos, Bridget. (Illus. by Alex Westgate; from the Keeping Cities Clean Series.) **[K, EP]** No. 10, p. 402

*From Sight to Light: The Passage from Ancient to Modern Optics*, by Smith, Mark A. (Illus.) **[C, T, GA]** No. 02, p. 57

*Geofuels: Energy and the Earth*, by Carroll, Alan R. **[YA, C, T, GA]** No. 04, p. 150

*Good Thinking: What You Need to Know to be Smarter, Safer, Wealthier, and Wiser*, by Harrison, Guy P. (Illus.) **[YA, C, T, GA]** No. 02, p. 60

*The Great Monkey Rescue: Saving the Golden Lion Tamarins*, by Markle, Sandra. (Illus.) **[EI, EA, JH]** No. 08, p. 322

*The Great White Shark Scientist*, by Montgomery, Sy. (Photographs by Keith Ellengoben.) **[JH, YA]** No. 11, p. 454

*Grunt: The Curious Science of Humans at War*, by Roach, Mary. **[YA, GA]** No. 07, p. 274

*Hair: A Human History*, by Stenn, Kurt. **[YA, C, T, GA]** No. 10, p. 398

*Half-Life: The Divided Life of Bruno Pontecorvo, Physicist or Spy*, by Close, Frank. **[C, T, GA]** No. 08, p. 315

*Handbook of Larval Amphibians of the United States and Canada.*, by Altig, Ronald, and

Roy W. McDiarmid. With a foreword by Aaron M. Bauer. (Illus.) **[C, T, GA]** No. 03, p. 109

*The Handy Anatomy Answer Book: Includes Physiology, 2nd ed.*, by Barnes-Svarney, Patricia, and Thomas E. Svarney. (Illus.) **[YA, C]** No. 09, p. 357

*High Tide for Horseshoe Crabs*, by Schnell, Lisa Kahn. (Illus. by Alan Marks.) **[EP, EI]** No. 03, p. 114

*Hopping Ahead of Climate Change: Snowshoe Hares, Science, and Survival*, by Collard, Sneed B. **[EI, EA, JH]** No. 10, p. 402

*How Things Work: Discover Secrets and Science Behind Bounce Houses, Overcraft, Robotics, and Everything in Between*, by Resler, Tamara J. (Illus.) **[JH, YA, GA]** No. 09, p. 351

*The Human Advantage: A New Understanding of How Our Brain Became Remarkable*, by Herculano-Houzel, Suzana. (Illus.) **[YA, C, T, GA]** No. 11, p. 457

*The Human Body Book: An Owner's Guide*, by Green, Jen. (Illus. by David Antram.) **[EA, JH]** No. 01, p. 35

*Hungry for Math: Poems to Munch On*, by Winters, Kari-Lynn, and Lori Sherritt-Fleming. (Illus. by Peggy Collins.) **[K, EP, EI]** No. 01, p. 30

*If You Love Honey: Nature's Connections*, by Sullivan,

Martha. (Illus. by Cathy Morrison.) **[K, EP, EI]** No. 02, p. 70

*Immunity: How Elie Metchnikoff Changed the Course of Modern Medicine*, by Vikhanski, Luba. (Illus.) **[YA, C, T, GA]** No. 09, p. 358

*In One Yard: Close to Nature*, by Hatch, Warren A. **[GA]** No. 03, p. 112

*Inside of a Dog: What Dogs See, Smell, and Know*, by Horowitz, Alexandra. (Young Readers Edition.) **[JH, YA, C, GA]** No. 01, p.

*The Invisible History of the Human Race: How DNA and History Shape Our Identities and Our Futures*, by Kenneally, Christine. **[YA, C, T, GA]** No. 01, p. 23

*iDinosaur*, by Carlton Books. **[EA, EI, JH, GA]** No. 06, p. 243

*iScience*, by Gifford, Clive. (Illus.) **[EA, JH, GA]** No. 06, p. 242

*iSolar System*, by Carlton Books. **[EI, EA, JH, G]** No. 06, p. 241

*The Jazz of Physics: The Secret Link Between Music and the Structure of the Universe*, by Alexander, Stephon. (Illus.) **[C, GA]** No. 09, p. 347

*Jellyfish*, by Schuh, Mari. (Illus.; from the Sea Life Series.) **[K, EP]** No. 02, p. 69

*Kepler and the Universe: How One Man Revolutionized*

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*Astronomy*, by Love, David K. [C, T, GA] No. 01, p. 17

*Lab Girl*, by Jahren, Hope. [JH, YA, C, T, GA] No. 09, p. 355

*Life's Engines: How Microbes Made Earth Habitable*, by Falkowski, Paul G. (Illus.) [C, T, GA] No. 03, p. 109

*Living Fossils: Clues to the Past*, by Arnold, Caroline. (Illus. by Andrew Plant.) [EP, EI] No. 10, p. 408

*Looking Inside the Brain: The Power of Neuroimaging*, by Le Bihan, Denis. (Translated by Teresa Lavender Fagan.) (Illus.) [T] No. 01, p. 19

*The Magic of Math: Solving for x and Figuring Out Why*, by Benjamin, Arthur. [YA, C, T, GA] No. 07, p. 276

*Masters of Disguise: Amazing Animal Tricksters*, by Johnson, Rebecca L. (Illus.) [EP, EI, EA, JH, GA] No. 10, p. 406

*Memory and Movies: What Films Can Teach Us about Memory*, by Seamon, John. [C, T] No. 01, p. 20

*Microbes: Discover an Unseen World with 25 Projects*, by Burillo-Kirch, Christine. (Illus. by Tom Casteel; from the Build It Yourself Series.) [EA, JH] No. 02, p. 66

*Mighty Mole and Super Soil*, by Quattlebaum, Mary. (Illus. by Chad Wallace.) [K, EP] No. 02, p. 69

*Migration Nation: Animals on the Go from Coast to Coast.*, by O'Sullivan, Joanne. [EI, EA, JH] No. 04, p. 154

*Monarchs in a Changing World: Biology and Conservation of an Iconic Butterfly*, by Oberhauser, Karen S., et al. (Eds.) (Illus.) [YA, C, T, GA] No. 02, p. 63

*Monster Science: Could Monsters Survive (and Thrive!) in the Real World?*, by Becker, Helaine. (Illus. by Phil McAndrew.) [EA, JH] No. 10, p. 405

*Moonshots and Snapshots of Project Apollo: A Rare Photographic History*, by Bisney, John and J. L. Pickering. (Illus.) [JH, YA, C, T, GA] No. 03, p. 111

*The Most Perfect Thing: Inside (and Outside) a Bird's Egg*, by Birkhead, Tim. [YA] No. 07, p. 278

*The Narrow Edge: A Tiny Bird, an Ancient Crab, and an Epic Journey*, by Cramer, Deborah. (Illus.) [JH, YA, C, T, GA] No. 02, p. 62

*A Nest is Noisy*, by Aston, Dianna Hutts. (Illus. by Sylvia Long.) [K, EP, EI] No. 04, p. 153

*Newton's Apple and Other Myths about Science*, by Numbers, Ronald L., and Kostas Kampourakis (Eds.) [YA, C, T, GA] No. 07, p. 274

*The Nitty-Gritty Gardening Book: Fun Projects for All Seasons*, by Cornell, Kari.

(Photographs by Jennifer S. Larson.) [EP, EI, EA, JH, T, GA] No. 04, p. 156

*Numbers: Their Tales, Types, and Treasures*, by Posamentier, Alfred S., and Bernd Thaller. (Illus.) [YA, C, T, GA] No. 05, p. 186

*Ohio Rocks!*, by Dickas, Albert B. (Illus.) [C, T] No. 11, p. 450

*One Hungry Heron*, by Beck, Carolyn. (Illus. by Karen Patkau.) [K] No. 01, p. 32

*One Plastic Bag: Isatou Ceesay and the Recycling Women of the Gambia*, by Paul, Miranda. (Illus. by Elizabeth Zunon.) [EI, EA, GA] No. 06, p. 240

*Originals: How Nonconformists Move the World*, by Grant, Adam. [JH, YA, C, T, GA] No. 08, p. 316

*Outdoor Science Lab for Kids: 52 Family-Friendly Experiments for the Yard, Garden, Playground, and Park*, by Heinecke, Liz Lee. (Photographs by Amber Procaccini.) [EP, EI, EA, T] No. 09, p. 359

*Parrots of the Wild: A Natural History of the World's Most Captivating Birds*, by Toft, Catherine A. and Timothy F. Wright. (Illus.) [GA] No. 01, p. 23

*Patterns in Nature: Why the Natural World Looks the Way It Does*, by Ball, Philip. (Illus.) [JH, YA, C, T, GA] No. 09, p. 350

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*Photo Guide to Birds of Costa Rica*, by Garrigues, Richard. (Illus.) **[GA]** No. 05, p. 185

*Plants Can't Sit Still*, by Hirsch, Rebecca E. (Illus. by Mia Posada.) **[K, EP]** No. 10, p. 407

*The Pier at the End of the World*, by Erickson, Paul. (Photographs by Andrew Martinez.) **[K, EP, EI, EA]** No. 01, p. 28

*Pollination Power*, by Angel, Heather. (Illus.) **[JH, YA, GA]** No. 08, p. 318

*Population Wars: A New Perspective on Competition and Coexistence*, by Graffin, Greg. **[YA, C, T, GA]** No. 11, p. 453

*The Rain Wizard: The Amazing, Mysterious, True Life of Charles Mallory Hatfield*, by Brimmer, Larry Dane. **[JH, YA, GA]** No. 01, p. 26

*Regal Tangs*, by Schuh, Mari. (Illus.; from the Sea Life Series.) **[K, EP]** No. 02, p. 69

*Remaking the John: The Invention and Reinvention of the Toilet*, by DiPiazza, Francesca Davis. **[GA]** No. 01, p. 25

*Restless Creatures: The Story of Life in Ten Movements*, by Wilkinson, Matt. **[C, T, GA]** No. 11, p. 451

*Resurrection Science: Conservation, De-Extinction and the Precarious Future of Wild Things*, by O'Connor, M.R. **[YA, C, T, GA]** No. 09, p. 356

*Ricky's Atlas: Mapping a Land on Fire*, by Li, Judith L. (Illus. by M.L. Herring.) **[EI, EA]** No. 08, p. 325

*The Road to Relativity: The History and Meaning of Einstein's "The Foundation of General Relativity"*, by Gutfreund, Hanoach, and Jürgen Renn with a foreword by John Stachel. (Illus.) **[C, GA]** No. 10, p. 395

*Rocks, Minerals and Gems: The Definitive Visual Catalog of the Treasure Beneath Your Feet*, by Callery, Sean, and Miranda Smith. (Photographs by Gary Ombler.) **[JH, YA, C, T, GA]** No. 09, p. 354

*Sally Ride: A Photobiography of America's Pioneering Woman in Space*, by O'Shaughnessy, Tam. (Illus.) **[EA, JH, YA, T, GA]** No. 06, p. 246

*Saturn Could Sail: and other fun facts.*, by DiSiena, Laura Lyn, and Hannah Eliot. (Illus. by Pete Oswald and Aaron Spurgeon; from the Did You Know? Series.) **[K, EP, EI, EA, T, GA]** No. 01, p. 31

*Science Stunts: Fun Feats of Physics*, by Brown, Jordan D. (Illus. by Anthony Owsley.) **[EP, EI, EA, JH, T]** No. 11, p.

*Sea Stars*, by Schuh, Mari. (Illus.; from the Sea Life Series.) **[K, EP]** No. 02, p. 69

*The Secret Galaxy*, by Hodgkins, Fran. (Photographs by Mike Taylor.) **[EI, EA, JH, YA, T, GA]** No. 01, p. 31

*The Secret Lives of Bats: My Adventures with the World's Most Misunderstood Mammals*, by Tuttle, Merlin. **[JH, YA, C]** No. 11, p. 454

*Seeing through Walls: Superman and the Science of Sight*, by Biskup, Agnieszka. (Illus.; from the Superman Science Series.) **[EI, EA, JH]** No. 10, p. 410

*The Serengeti Rules: The Quest to Discover How Life Works and Why It Matters*, by Carroll, Sean B. **[YA, C, T, GA]** No. 08, p. 318

*Seven Brief Lessons on Physics*, by Rovelli, Carlo. **[C, T, GA]** No. 05, p. 185

*Sharks Get Cancer, Mole Rats Don't: How Animals Could Hold the Key to Unlocking Cancer Immunity in Humans*, by Welsh, James S. (Illus.) **[C, T, GA]** No. 10, p. 396

*Slap Shot Science: A Curious Fan's Guide to Hockey*, by Haché, Alain. (Illus.) **[YA, C, GA]** No. 10, p. 398

*Smart and Spineless: Exploring Invertebrate Intelligence*, by Downer, Ann. (Illus.) **[EA, JH]** No. 01, p. 33

*Solar Science - Exploring Sunspots, Seasons, Eclipses, and More*, by Schatz, Dennis, and Andrew Fraknoi. (Illus.) **[EA, JH, T, GA]** No. 06, p. 241

*The Solar System, Meteors, and Comets*, by Gifford, Clive. (Illus.; from the Watch This Space! Series.) **[EA, JH]** No. 01, p. 31

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*Solving the Puzzle Under the Sea. Marie Tharp Maps the Ocean Floor*, by Burleigh, Robert. (Illus. by Raul Colon.) **[EI, EA]** No. 11, p. 459

*Sounds of the Savanna*, by Jennings, Terry Catusus. (Illus. by Phyllis Saroff.) **[EI]** No. 02, p. 68

*Space Junk: The Dangers of Polluting Earth's Orbit*, by Young, Karen Romano. (Illus.) **[EA, JH]** No. 11, p. 458

*Spaceshots & Snapshots of Projects: Mercury & Gemini*, by Bisney, John, and J. L. Pickering. (Illus.) **[EA, JH, YA, GA]** No. 02, p. 70

*Spit & Sticks: A Chimney Full of Swifts.*, by Evans, Marilyn Grohoske. (Illus. by Nicole Gsell.) **[EP, EI, EA]** No. 01, p. 33

*Spooky Action at a Distance: The Phenomenon That Reimagines Space and Time—and What It Means for Black Holes, the Big Bang, and Theories of Everything*, by Musser, George. **[C, T, GA]** No. 09, p. 348

*Stars, Galaxies, and the Milky Way*, by Gifford, Clive. (Illus.; from the Watch This Space! Series.) **[EA, JH]** No. 01, p. 31

*The Strange Case of Rickety Cossack: And Other Cautionary Tales from Human Evolution*, by Tattersall, Ian. **[C, T, GA]** No. 04, p. 149

*Super Gear: Nanotechnology and Sports Team Up*, by

Swanson, Jennifer. **[EA, JH, YA]** No. 09, p. 356

*Swimming Home*, by Shetterly, Susan Hand. (Illus. by Rebekah Raye.) **[K, EP, EI]** No. 01, p. 34

*Sydney & Simon: Go Green!*, by Reynolds, Paul A. (Illus. by Peter H. Reynolds.) **[K, EP, EI]** No. 03, p. 113

*Take 5! For Science: 150 Prompts that Build Writing and Critical Thinking Skills*, by Hagler, Kaye, and Judy E. Jensen. (Illus.) **[T]** No. 01, p. 17

*Teaching for Learning: 101 Intentionally Designed Educational Activities to Put Students on the Path to Success*, by Major, Claire Howell, et al. **[C, T, GA]** No. 03, p. 108

*They Just Know: Animal Instincts*, by Yardi, Robin. (Illus. by Laurie Allen Klein.) **[K, EP, EI]** No. 06, p. 245

*This is Your Brain on Parasites: How Tiny Creatures Manipulate Our Behavior and Shape Society*, by McAuliffe, Kathleen. **[JH, YA, C, T, GA]** No. 08, p. 320

*Toad Weather*, by Markle, Sandra. (Illus. by Thomas Gonzalez.) **[K, EP, EI]** No. 02, p. 68

*Tooth by Tooth: Comparing Fangs, Tusks, and Chompers*, by Levine, Sara. (Illus. by T.S. Spookytooth.) **[EP, EI]** No. 11, p. 463

*A Tower of Giraffes: Animals in Groups.*, by Wright, Anna.

(Illus.) **[K, EP]** No. 03, p. 114

*Trapped! A Whale's Rescue*, by Burleigh, Robert. (Illus. by Wendell Minor.) **[K, EP]** No. 03, p. 113

*Treecology: 30 Activities and Observations for Exploring the World of Trees and Forests*, by Russo, Monica. (Photographs by Kevin Byron; from the Young Naturalists Series.) **[EI, EA, JH]** No. 10, p. 407

*Ultimate Reptileopedia: The Most Complete Reptile Reference Ever*, by Wilson, Christina. (Illus.) **[EI, EA, JH, YA, C, T, GA]** No. 05, p. 194

*Uncovering Student Ideas in Earth Science and Environmental Science: 32 New Formative Assessment Probes*, by Keeley, Page, and Laura Tucker. (Illus.) **[EI, EA, JH, YA]** No. 06, p. 240

*The Universe, Black Holes and the Big Bang*, by Gifford, Clive. (Illus.; from the Watch This Space! Series.) **[EA, JH]** No. 01, p. 31

*Vaccinations!*, by Rooney, Anne. (Illus. by David Antram; from the You Wouldn't Want to Live Without Series.) **[EP, EI, EA, JH]** No. 04, p. 155

*Venomous: How Earth's Deadliest Creatures Mastered Biochemistry*, by Wilcox, Christie. **[YA, C, GA]** No. 09, p. 355

*Welcome to Mars: Making a Home on the Red Planet*, by

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Aldrin, Buzz, with Marianne J. Dyson. **[EI, EA, JH, T, GA]** No. 01, p. 30

*Welcome to the Microbiome: Getting to Know the Trillions of Bacteria and Other Microbes In, On, and Around You*, by Deselle, Rob and Susan L. Perkins. (Illus. by Patricia J. Wynne.) **[C, T, GA]** No. 03, p. 109

*What a Fish Knows: The Inner Lives of Our Underwater Cousins*, by Balcombe, Jonathan. **[YA, C, T, GA]** No. 07, p. 278

*What Every Science Student Should Know*, by Bauer, Justin L., Yoo Jung Kim, Andrew H. Zureick, and Daniel K. Lee. **[YA, C, T]** No. 09, p. 351

*What in the World? Numbers in Nature*, by Day, Nancy Raines. (Illus. by Kurt Cyrus.) **[K, EP]** No. 09, p. 360

*What's the Buzz? Keeping Bees in Flight*, by Wilcox, Marrie-Ellen. (Illus.; from the Orca Footprints Series.) **[EI, EA]** No. 08, p. 325

*Whose Eye Am I?*, by Rotner, Shelley. (Photographs by Shelley Rotner.) **[K, EP, EI, EA]** No. 10, p. 406

*Why We Work*, by Schwartz, Barry. **[C, T, GA]** No. 07, p. 271

*Winter Bees & Other Poems of the Cold*, by Sidman, Joyce, and Rick Allen. **[K, EP, EI]** No. 02, p. 70



## SB&F'S 2016 BEST LISTS

### BEST FILMS

*Advanced Placement Human Geography: Making Sense of Planet Earth.* [YA, C, T, GA] No. 5202, p. 75

*Aghbalou - The Source of Water.* [T, C, GA] No. 5211, p. 466

*Antarctic Edge.* [JH, YA, C, T, GA] No. 5205, p. 195

*Anthropocene.* [YA, C, T, GA] No. 5210, p. 412

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