

AAAS/SUBARU SB&F PRIZE BOOKLIST

The Common Core and the Next Generation Science Standards (NGSS) provide a roadmap for preparing students for success in college and in the workplace by placing an emphasis on content-based learning. The books that have been recognized by the AAAS/Subaru SB&F Prize are ideal resources to integrate the requirements of the Common Core and the NGSS as they combine sound science with literary quality designed to engage students of all ages. All of the winning books are listed below.



BOOKS FOR CHILDREN

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

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

A Seabird in the Forest: The Mystery of the Marbled Murrelet. Joan Dunning. (Illus. by the author.) Boyds Mill Press, 2011.

Magic School Bus and the Climate Challenge. Joanna Cole. (Illus. by Bruce Degen; from the Magic School Bus Series.) Scholastic, 2010.

Living Sunlight: How Plants Bring the Earth to Life. Molly Bang & Penny Chisholm; (illus. by Molly Bang.) Blue Sky Press, 2009.

Sisters & Brothers: Sibling Relationships in the Animal World. Steven Jenkins & Robin Page. Houghton Mifflin, 2008

Where in the Wild? Camouflaged Creatures Concealed and Revealed by David Schwartz & Yael Schy; (Illus by Dwight Kuhn.) Tricycle Press, 2007.

An Egg Is Quiet by Dianna Aston, (Illus. by Sylvia Long.) Chronicle Books, 2006.

Stars Beneath Your Bed: The Surprising Story of Dust by April Pulley Sayre,(Illus. by Ann Jonas.) HarperCollins, 2005.

BOOKS FOR MIDDLE SCHOOL STUDENTS

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.

Temple Grandin : How the Girl Who Loved Cows Embraced Autism and Changed the World, by Sy Montgomery. Houghton Mifflin, 2012.

The Case of the Vanishing Golden Frogs: A Scientific Mystery, by Sandra Markle. Millbrook Press, 2011.

The Hive Detectives: Chronicle of a Honey Bee Catastrophe. Loree Griffin Burns. (Photographs by Ellen Harasimowicz; from the Scientists in the Field Series.) Houghton Mifflin, 2010.

The Frog Scientist. Pamela S. Turner. (Photographs by Andy Comins; from the Scientists in the Field Series.) Houghton Mifflin, 2009.

How We Know What We Know about Our Changing Climate: Scientists & Kids Explore Global Warming. Lynne Cherry & Gary Braasch. Dawn, 2008,

Dinosaur Eggs Discovered: Unscrambling the Clues! by Lowell Dingus, Luis M. Chaippe, & Rodolfo Coria. Twenty-First Century Books, 2007.

Team Moon: How 400,000 People Landed Apollo 11 on the Moon by Catherine Thimmesh. Houghton Mifflin, 2006.

The Prairie Builders: Reconstructing America's Lost Grasslands, written and photographed by Sneed B. Collard, III. Houghton Mifflin, 2005.

HANDS-ON SCIENCE BOOKS

Look Up!: Bird-Watching in Your Own Backyard, by Annette LeBlanc Cate. Candlewick, 2013.

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

The Book of Potentially Catastrophic Science. Sean Connolly. Workman, 2010.

True Green Kids: 100 Things You Can Do to Save the Planet. Kim McKay & Jenny Bonnin. National Geographic, 2008.

Exploratopia by Pat Murphy. Little Brown & Company, 2006.

Thomas Edison for Kids: His Life and Ideas: 21 Activities by Laurie Carlson. Chicago Review Press, 2006.

The Amateur Naturalist by Nick Baker. National Geographic Press, 2005.

BOOKS FOR TEENS

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

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

Feathers: The Evolution of a Natural Miracle. Thor Hanson. Basic Books, 2011.

The Immortal Life of Henrietta Lacks. Rebecca Skloot. Random House, 2010.

Invisible Kingdom: From the Tips of Our Fingers to the Tops of Our Trash, Inside the Curious World of Microbes. Idah Ben-Barak. Basic Books, 2009.

Welcome to Your Brain: Why You Lose Your Car Keys but Never Forget How to Drive and Other Puzzles of Everyday Life. Sandra Aamodt & Sam Wang. Bloomsbury, 2008

The Wild Trees: A Story of Passion and Daring by Richard Preston. Random House, 2007.

Tigerland and Other Unintended Destinations by Eric Dinerstein. Island Press, 2006.

Invisible Allies: Microbes That Shape Our Lives by Jeanette Farrell. Farrar, Strauss & Giroux, 2005.

LIFETIME ACHIEVEMENT AWARD WINNERS

Look for books from these great authors who have been awarded an AAAS/Subaru SB&F Lifetime Achievement Award.

Seymour Simon

Vicki Cobb

Robert Gardner

Jean Craighead George

Jim Arnosky

Patricia Lauber

Laurence Pringle

Bernie Zubrowski

James Trefil

The AAAS/Subaru SB&F Prize for Excellence in Science Books is supported by Subaru. Check out the website for more information.

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