

Kindergarten

[ANIMALS DO, TOO](#). 2017. Etta Kaner. Illus. Marilyn Faucher. Kids Can Press. 32pp. ISBN-13: 9781771385695. This text uses a question and answer format to compare and contrast animal and human behaviors. Longer paragraphs on each answer page provide more details on specific behaviors. STANDARD 3: LIFE SCIENCE.

[LIVING THINGS AND NONLIVING THINGS](#). 2017. Kevin Kurtz. Arbordale Publishing. 32pp. ISBN-13: 9781628559866. Stunning photographs provide opportunities for young readers to compare living and nonliving things. An activity guide at the back of the book will encourage young scientists to explore this topic further. STANDARD 3: LIFE SCIENCE.

First Grade

[IF YOU WERE THE MOON](#). 2017. Laura Purdie Salas. Illus. Jaime Kim. Millbrook Press. 32pp. ISBN-13: 9781467780094. Large font text reads like a simple lyrical picture book, while smaller-font paragraphs explain many scientific facts about the moon. This book could be a bedtime favorite or a science classroom staple. STANDARD 2: EARTH AND SPACE SCIENCE.

[CAN AN AARDVARK BARK?](#). 2017. Melissa Stewart. Illus. Steve Jenkins. Simon & Schuster. 32 pp. ISBN-13: 9781481458528. Through engaging questions and answers, readers are introduced to a variety of noises animals make, as well as other animals that make similar sounds. Colorful cut-and torn-paper collages provide visual images that seem to make the animals and their sounds come to life. STANDARD 3: LIFE SCIENCE.

Second Grade

OVER AND UNDER THE POND. 2017. Kate Messner. Illus. Christopher Silas Neal.

Chronicle Books. 48pp. ISBN-13: 9781452145426. While on an outing in a boat, a mother and her child explore the ecosystem of the pond. Full-bleed illustrations help readers visualize all of the living things found over and under the pond. STANDARD 3: LIFE SCIENCE.

ICE BOY. 2017. David Ezra Stein. Candlewick Press. 40pp. ISBN-13: 9780763682033. Ice

Boy, against the best wishes of his parents, decides to visit the outside world on a trip to the beach. His journey results in “significant changes.” STANDARD 1: PHYSICAL SCIENCE.

Third Grade

MUSIC OF LIFE: BARTOLOMEO CRISTOFORI AND THE INVENTION OF THE PIANO.

2017. Elizabeth Rusch. Simon & Schuster/Atheneum Books for Young Readers. 48 pp.

ISBN-13: 9781481444842. Cristofori, a 17th century musician, sought to create an instrument that had just the right tone and is credited with inventing the prototype of today’s pianos. Musical terms are interspersed throughout the text, adding to its potential as an interdisciplinary resource. STANDARD 1: PHYSICAL SCIENCE.

JOHN DEERE, THAT’S WHO! 2017. Tracy Nelson Maurer. Macmillan Children's

Publishing Group / Henry Holt and Co. 40 pp. ISBN-13: 9781627791298. Although most readers will consider his name to be synonymous with farming equipment, John Deere was actually a blacksmith who used his knowledge of metals and simple machines to help Midwestern farmers. The text of this biography is complemented by engaging illustrations. STANDARD 4: SCIENCE, ENGINEERING, AND TECHNOLOGY.

Fourth Grade

[GRAND CANYON](#). 2017. Jason Chin. Macmillan Children's Publishing Group / Roaring Brook Press. 56 pp. ISBN-13: 9781596439504. As a girl explores the Grand Canyon with her father, she step back in time to see the organisms and geological features which existed millions of years ago. Layered text and graphics convey additional information such as the fossil formation process. STANDARD 2: EARTH AND SPACE SCIENCE.

[SCIENCE COMICS: FLYING MACHINES](#). Alison Wilgus. Macmillan Children's Publishing Group / First Second. 128 pp. ISBN-13: 9781626721401. The Wright Brothers' invention of the airplane is chronicled in a graphic novel format. Readers will see how forces such as lift and drag were investigated in a real-world application. STANDARD 4: SCIENCE, ENGINEERING, AND TECHNOLOGY.

Fifth Grade

[SEVEN WONDERS OF THE SOLAR SYSTEM](#). 2017. David Aguilar. Penguin Young Readers / Viking Books for Young Readers. 80 pp. ISBN-13: 9780451476852. Join astronomer David Aguilar on a journey through the solar system to view his selection of the seven wonders of the solar system, including Mars and the rings of Saturn. Digitized compilations of objects in the solar system will engage readers of all ages. STANDARD 2: EARTH AND SPACE SCIENCE.

[ANIMAL JOURNAL: LAND MAMMALS OF THE WORLD](#). 2017. Juan Carlos Alonso. Quarto / Walter Foster Jr. 128 pp. ISBN-13: 9781633221963. Characteristics of species from fifteen orders of land-based mammals are portrayed through realistic illustrations, scientific facts, and descriptive text about their regional food web role. Additional information about taxonomy is included. STANDARD 3: LIFE SCIENCE.

Primary Honorable Mention

[CURIOUS PEARL OBSERVES MIGRATION](#). 2017. Eric Braun. Illus. Stephanie Dehennin. Capstone. 24pp. ISBN-13: 9781515813446. Curious Pearl loves science and uses her skills of questioning, observing, and inferring to help her friend, Sal, investigate why some backyard birds that have gone missing. They learn about the process and importance of migration in the process. STANDARD 3: LIFE SCIENCE.

[DAYTIME NIGHTTIME, ALL THROUGH THE YEAR](#). 2017. Diane Lang. Illus. Andrea Gabriel. Dawn Publications. 26pp. ISBN-13: 9781584696070. Moving from January to December, using rhyming text, this book highlights diurnal and nocturnal animals and their actions. STANDARD 2: EARTH AND SPACE SCIENCE.

[ROUND](#). 2017. Joyce Sidman. Illus. Taeun Yoo. Houghton Mifflin Harcourt. 32pp. ISBN-13: 9780544387614. Using the concept of “round,” the author details all of the magnificent ways in which we can observe roundness in things and how this property is helpful to a variety of objects and organisms. STANDARD 1: PHYSICAL SCIENCE.

Intermediate Honorable Mention

[CAO CHUNG WEIGHS AN ELEPHANT](#). 2017. Songju Ma Daemicke. Arbordale Publishing. 32 pp. ISBN-13: 9781628559040. Based on an ancient Chinese story, this book shares the tale of how a young boy uses his problem-solving skills and understanding of buoyancy to solve the mystery of how much an elephant weighs. STANDARD 1: PHYSICAL SCIENCE.

[CAROLINE'S COMENTS: A TRUE STORY](#). 2017. Emily Arnold McCully. Holiday House. 40pp. ISBN-13: 978-0823436644. This picture book biography details the life of astronomer Caroline Herschel, who in 1786 became the first woman to discover a comet

and be paid for scientific research. Endnotes include a bibliography, timeline, and glossary. STANDARD 2: EARTH AND SPACE SCIENCE.

EXPLORING SPACE: FROM GALILEO TO THE MARS ROVER AND BEYOND. 2017.

Martin Jenkins. Illus. Stephen Biesty. Candlewick Press. 64pp. ISBN-13: 978-0763689315.

Richly detailed illustrations supplement engaging text to explain current space travel, as well as the history and future of space explorations. The book can be read cover-to-cover or in sections, depending on the needs and interests of the reader. Endnotes provide a glossary, timeline, and additional resources. STANDARD 2: EARTH AND SPACE SCIENCE.

BEES: A HONEYED HISTORY. 2017. Piotr Socha. Abrams Books for Young Readers.

(First published in 2015 under the title *Pszczoty* by Wydawnictwo Dwie Siostry, Warsaw.) 80pp. ISBN-13: 978-1419726156. Young readers will be captivated by this oversized picture book which features information on every aspect of bees and beekeeping. The large pages with detailed illustrations and diminutive text make this a perfect book for browsing or fact-finding. STANDARD 3: LIFE SCIENCE.

FROM HERE TO THERE: THE STORY OF HOW WE TRANSPORT OURSELVES AND

EVERYTHING ELSE. 2017. H. P. Newquist. Penguin Young Readers / Viking Books for Young Readers. 128 pp. ISBN-13: 9780451476456. Through photos, text, and illustrations, this book chronicles the innovations in transportation throughout history. Water, terrestrial, and airborne transportation modes are presented through artifacts and historical narratives, with problem solving and science concepts embedded throughout the text. STANDARD 4: SCIENCE, ENGINEERING, AND TECHNOLOGY.