



## Bound to Stay Bound Books

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## Next Generation Science Standards for Grade 1

### Grade 1 Physical Science

**Braun, Eric Mark. Curious Pearl Investigates Light: 4D An Augmented Reality Science Experience. (147296)** il. A trip to the beach presents the perfect opportunity for Curious Pearl to spread some science knowledge. The sun is shining brightly, and when her friends start asking questions, Pearl teaches them all about light. (05-08) Picture Window \$18.04

**Fraser, Mary Ann. Alexander Graham Bell Answers The Call. (352076)** il. A distinctive biography shows how, even as a boy, Alexander Graham Bell was destined to become a great inventor. (06-09) Charlesbridge 2017 K \$19.81

**Jennings, Terry Catusus. Sounds Of The Savanna. (491059)** Saroff, Phyllis il. From the first light of dawn until the sun sets at night, the savanna is alive with noise. A lion roars in the early morning, a young baboon shrieks at noon, and a young mouse squeals at dusk. What are the animals saying and why? Animals communicate in many ways; explore the thriving African savanna as its inhabitants "talk" to one another throughout the course of a day. (04-08) Arbordale 2015 K,Q (AR) \$15.20

**Kuskowski, Alex. Super Simple Telephone Projects: Inspiring & Educational Science Activities. (535595)** il. Explores the history of the science behind the telephone with super simple projects. (06-09) Abdo 2016 \$21.19

**Mattern, Joanne. Lightbulbs. (613285)** il. An introduction to lightbulbs, including how science has continued to improve upon the little glass bulb that so brightens our world. (06-08) Children's 2016 (AR) \$12.90

**Pfeffer, Wendy. Sounds All Around. (713629)** Chernyshova, A. V. (Anna Vladimirovna) il. Explains how sounds are made and the purposes they serve for both humans and other animals. (04-08) Harper 2016 Q (RC) \$13.72

**Royston, Angela. Experiments With A Flashlight. (769394)** il. An introduction to the physical properties of light through photo-illustrated, step-by-step experiments. (07-11) Smart Apple 2016 L,Q \$23.29

**Rubin, Mark. Orchestra. (769564)** Daniel, Alan il. An illustrated introduction to orchestral music, instruments and orchestras. (06-09) Firefly Books 2015 \$14.25

**Slingerland, Janet. What Makes The Sky Blue? (824384)** il. Find out how the atmosphere makes the sky look blue during the day and orange and red at sunrise and sunset. (06-09) Child's World 2017 Q (AR) \$21.19

Set S18378 \_\_\_\_\_ 9 Books @ \$159.59

### Grade 1 Life Science

**Bath, Louella. Plants That Mimic. (080958)** il. Some plants practice mimicry, which is a defense mechanism that keeps them from being disturbed, or worse, eaten by enemies. Learn about plants that have evolved to practice mimicry and how it's essential to their survival. (08-11) PowerKids 2017 (AR) \$24.44

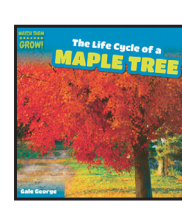
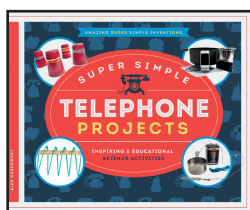
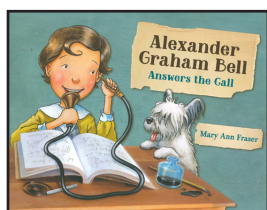
**Boothroyd, Jennifer. Cross-Pollination. (739366)** il. Simple text, supportive photos, and diagrams help readers grasp key ideas and details about the important science concept of the cross-pollination process. (05-08) Lerner 2015 L,Q (AR) \$24.71

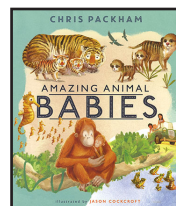
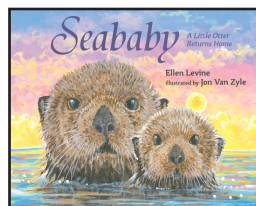
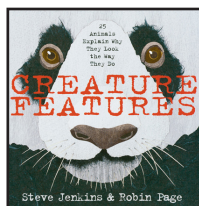
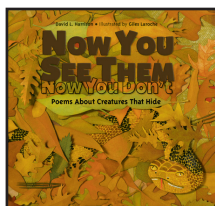
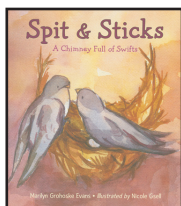
**Boothroyd, Jennifer. Insect Pollinators. (134525)** il. Investigates how bees, butterflies, ants, and other insects assist in the process of pollination. (05-08) Lerner 2015 L,Q (AR) \$24.71

**Esseltine, Bruce. At The Orchard. (315267)** il. An introduction to an orchard, including all the different types of fruits, how they are taken care of as they grow, what farmers do when the fruit gets ripe, and more. (05-08) Gareth Stevens 2017 (AR) \$14.30

**George, Gale. Life Cycle Of A Maple Tree. (374554)** il. An introduction to maple trees, including growth from a seedling to a sapling, the different parts of a plant, their function, and more. (05-08) PowerKids 2016 \$24.44

**Gianferrari, Maria. Coyote Moon. (376193)** Ibatoulline, Bagram il. A nonfiction picture book about coyotes hunting in suburban neighborhoods at night. (04-08) Roaring Brook 2016 B,K+,L+,C (AR/RC) \$20.51





**Grohoske Evans, Marilyn. Spit & Sticks: A Chimney Full Of Swifts. (317063)** Gsell, Nicole il. An introduction to chimney swift bird partners with a wordless tale about a human family as both species grow their broods on the same farm in Texas. (04-07) Charlesbridge 2015 **B,K,Q** \$19.79

**Harrison, David L. (David Lee). Now You See Them, Now You Don't: Poems About Creatures That Hide. (422703)** Laroche, Giles il. A collection of clever poems introduces animals that use camouflage in order to find (or avoid being) dinner. (05-09) Charlesbridge 2016 **B,K+,L,Q,W** (RC) \$20.49

**Harvey, Derek. Did You Know? Animals. (278148)** il. Discover the answers to over 200 of the most asked animal questions about a wide range of animals. (07-11) DK Publishing 2016 \$23.31

**Hibbert, Clare. Elephant Orphans. (442863)** il. Explore what life is like for both the animals and workers at the Nairobi Elephant Nursery, while learning new things about elephants along the way. (08-12) PowerKids 2015 \$26.30

**Jenkins, Steve. Creature Features: 25 Animals Explain Why They Look The Way They Do. (490832)** il. Get face-to-face with unique animals from around the world in this playful exploration of unusual animal facial features. (04-08) Houghton 2014 **B,K,L+,Q,C,W+** (AR/RC) \$20.51

**Jenkins, Steve. Flying Frogs And Walking Fish: Leaping Lemurs, Tumbling Toads, Jet-Propelled Jellyfish, And More Surprising Ways That Animals Move. (490824)** il. Explore unusual animal locomotion through incredible art and fascinating facts. (06-08) Houghton Mifflin Harcourt 2016 **B,K,L,Q+,M,C,W+** (AR/RC) \$20.51

**Jenkins, Steve. My First Day. (490942)** il. Looks at what a variety of creatures can accomplish within 24 hours of being born. (04-08) Houghton 2013 **B,K,L,Q+,M,C,W** \$20.51

**Kaner, Etta. Animals Do, Too!: How They Behave Just Like You. (506576)** Faucher, Marilyn il. Featuring seven animals--both familiar and perhaps unfamiliar--fostering an understanding and compassion for the natural world through human-animal comparisons. (04-07) Kids Can 2017 **B,L** \$19.79

**Lang, Heather. Swimming With Sharks: The Daring Discoveries Of Eugenie Clark. (541607)** Solano, Jordi il. Eugenie Clark, a Japanese-American scientist, did groundbreaking research on sharks and earned the nickname "The Shark Lady." (05-08) Whitman 2016 **B,K,L,Q,CA** (AR) \$19.81

**Larson, Kirsten W. Super Powers In Nature. (543637)** il. This photo-illustrated book for elementary readers describes animals with amazing speed, strength, and senses. Explains how these adaptations benefit them as defenses against predators or as ways to find and capture prey. (07-10) Amicus 2016 **Q** (AR) \$21.89

**Levine, Ellen. Seababy: A Little Otter Returns Home. (567160)** Van Zyle, Jon il. A baby sea otter, separated from his mother by a storm, is taken to the Monterey Bay Aquarium to recover. (04-08) Walker 2012 **B,K,W** (AR) \$19.81

**London, Jonathan. Hippos Are Huge! (584814)** Trueman, Matthew il. Follow these hefty hulks as they glide underwater, play tug-of-war, swat balls of dung at one another, and nuzzle their young in the mud. (05-08) Candlewick 2015 **K,L+,Q+,M,C+** (AR/RC) \$19.11

**Meisel, Paul. My Awesome Summer By P. Mantis. (635571)** il. The diary of P. Mantis, one of 150 brothers and sisters born on a garden bush. Introduces young children to the life cycle of a common insect. (04-08) Holiday House 2017 **B,K,L,M** (AR/RC) \$19.79

**Nelson, Robin. From Kernel To Corn. (670311)** il. How does a corn seed become corn on the cob? Follow each step in nature's cycle--from planting to picking and eating. (05-08) Lerner 2012 (AR/RC) \$24.67

**O'Connell, Caitlin. Baby Elephant In The Wild. (685428)** il. This nonfiction photo essay brings young children to the Africa scrub desert to witness a baby elephant surviving in the wild. (04-08) Houghton 2014 **B,K,L,Q+,M,CA** (AR/RC) \$19.81

**Packham, Chris. Amazing Animal Babies. (695246)** Cockcroft, Jason il. Meet some incredible baby animals, such as Darwin's froglets and baby earthworms, to tiger cubs and meerkat pups. Sequel to *Amazing Animal Journeys*. (04-08) Sterling 2017 \$18.39

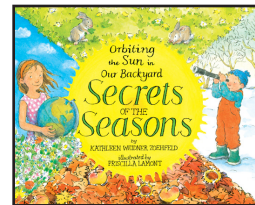
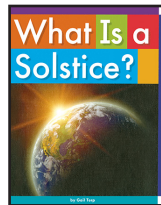
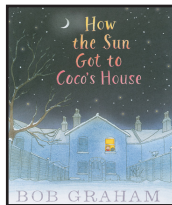
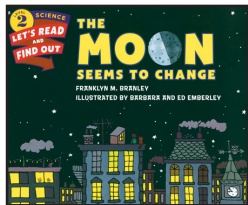
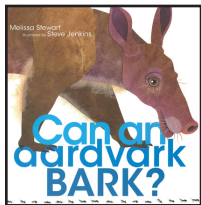
**Roderick, Stacey. Ocean Animals From Head To Tail. (761627)** Moriya, Kwanchai il. An introduction to eight different ocean animals and some unique aspects of their bodies. (04-08) Kids Can 2016 **B,L** \$19.79

**Rotner, Shelley. Whose Eye Am I? (767757)** il. This introduction to how humans and other animals see also includes an interactive game in which readers guess which eye belongs to which animal. (04-08) Holiday House 2016 **B,K,L,Q,W** (AR) \$19.79

**Saxby, Claire. Emu. (780545)** Byrne, Graham il. Follow a doting emu father as he keeps his brood safe--from when they're granite-green eggs until they're all grown up. (07-09) Candlewick 2015 **B,L,Q+,M** \$19.81

**Sayre, April Pulley. Eat Like A Bear. (781169)** Jenkins, Steve il. Follows a bear from the time she emerges from her den in April after four months without food, through months of eating fish, ants, and huckleberries, to midwinter when the arrival of two cubs interrupts her long winter's rest. Includes facts about brown (grizzly) bears of the Yellowstone National Park/Glacier National Park region. (04-08) Holt 2013 **B,K+,L,Q+,M,C+** (AR/RC) \$19.81





**Stewart, Melissa. Can An Aardvark Bark? (854327)** Jenkins, Steve il. A non-fiction look at the sounds that animals make and the reasons behind them. (03-08) Beach Lane 2017 B,K+,L,C,W \$20.51

**Wadsworth, Ginger. Seasons Of The Bear: A Yosemite Story. (913150)** San Souci, Daniel il. Gives readers the bear's eye view and a tour of the seasons in Yosemite's high country. (04-06) Yosemite Conservancy 2016 B,K,L \$19.09  
Set S18379 \_\_\_\_\_ 28 Books \$606.19

## Grade 1 Earth & Space Science

**Branley, Franklyn M. (Franklyn Mansfield). Moon Seems To Change. (146608)** Emberley, Barbara il. Explains the phases of the moon--the changes that seem to happen to it as it goes around Earth. (06-08) Harper 2015 \$13.72

**Cascone, Gina. Around The World Right Now. (197654)** Beckman, Olivia il. Travel the world and experience all the people, places, and things that exist on our planet. In every minute of every hour of every day, something wonderful is happening around our world. (06-09) Sleeping Bear Press 2017 K \$19.81

**Freitas, Bethany V. Curious George Discovers The Stars. (747963)** il. George is determined to count all the stars in the sky, but it's not as easy as it sounds. (06-09) Houghton Mifflin Harcourt 2016 \$13.37

**Graham, Bob. How The Sun Got To Coco's House. (390922)** il. A charming story about the sun, and how it makes its slow journey from the far side of the world to the home of one small girl. (04-06) Candlewick 2015 K+,Q+,M,C,W (AR) \$20.51

**Herrington, Lisa M. How Do You Know It's Fall? (440827)** il. Provides an in-depth look at some of the harbingers of fall--squirrels gathering nuts, cool crisp days, and a family trip to an apple orchard. (06-08) Children's 2014 L (AR/RC) \$12.90

**Herrington, Lisa M. How Do You Know It's Spring? (440828)** il. Provides an in-depth look at springtime as the earth awakes from its long winter slumber. (06-08) Children's 2014 L (AR/RC) \$12.90

**Herrington, Lisa M. How Do You Know It's Winter? (440831)** il. An in-depth look at winter, including bare trees, many animals settling in for a long rest, short days, and dark, chilly nights. (06-08) Children's 2014 L (AR/RC) \$12.90

**Rao, Joe. Looking Up!: The Science Of Stargazing. (739549)** Borgions, Mark il. Learn about the science behind some cool celestial events and objects such as eclipses, meteors, constellations and comets. (07-09) Simon Spotlight 2017 L \$12.22

**Sisson, Stephanie Roth. Star Stuff: Carl Sagan And The Mysteries Of The Cosmos. (823009)** il. A biography of Carl Sagan focusing on his childhood and culminating in the Voyager mission and the Golden record. (04-08) Roaring Brook 2014 B,K+,L+,Q+,M+,CA (AR) \$20.51

**Terp, Gail. What Is A Solstice? (875895)** il. Find out how the movement of Earth causes the first day of summer and the first day of winter. (06-09) Child's World 2017 Q (AR) \$21.19

**Ventura, Marne. Why Does Earth Have Seasons? (907450)** il. Find out what causes spring, summer, fall, and winter and how different parts of Earth experience the seasons. (06-09) Child's World 2017 Q (AR) \$21.19

**Zoehfeld, Kathleen Weidner. Secrets Of The Seasons: Orbiting The Sun In Our Backyard. (983549)** Lamont, Priscilla il. Over the course of a year, a family learns about the role of the sun in the changing seasons. (06-08) Knopf 2014 K,L,Q+,M,W+ (AR) \$19.81  
Set S18380 \_\_\_\_\_ 12 Books @ \$201.03

## Grade 1 Engineering Design

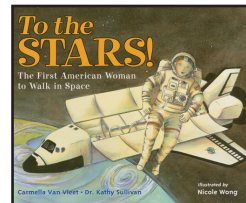
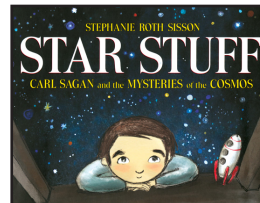
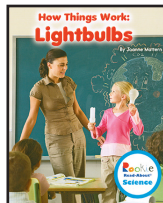
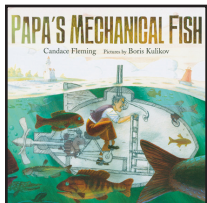
**Andros, Camille. Charlotte The Scientist Is Squished. (062030)** Farley, Brianne il. Charlotte, a serious scientist and a bunny, uses the scientific method to solve her problem: being squished by her many brothers and sisters. (04-07) Clarion 2017 B,K,L+ (AR) \$19.81

**Demuth, Patricia Brennan. Thomas Edison And His Bright Idea. (273350)** Tuya, Jez il. Follows Edison from his time in school to his career as a full-time inventor. (06-08) Penguin Young Readers 2016 (AR) \$12.02

**Fleming, Candace. Papa's Mechanical Fish. (341190)** Kulikov, Boris il. In the summer of 1851, with encouragement and ideas provided by his family, an inventor builds a working submarine and takes his family for a ride. Includes notes about Lodner Phillips, the real inventor on whom the story is based. (04-08) Farrar 2013 B,K,L,Q+,M,W (AR/RC) \$19.81

**Fraser, Mary Ann. Alexander Graham Bell Answers The Call. (352076)** il. A distinctive biography shows how, even as a boy, Alexander Graham Bell was destined to become a great inventor. (06-09) Charlesbridge 2017 K \$19.81

**Kuhlmann, Torben. Armstrong: The Adventurous Journey Of A Mouse To The Moon. (517046)** il. A long time ago a mouse learned to fly ... and crossed the Atlantic. But what happened next? A Mouse on the Moon--where dreams are determined only by the size of your imagination and the biggest innovators are the smallest of all. (04-08) NorthSouth 2016 B+,L+,Q (RC) \$21.89



**Lang, Heather. *Swimming With Sharks: The Daring Discoveries Of Eugenie Clark.* (541607)**

Solano, Jordi il. Eugenie Clark, a Japanese-American scientist, did groundbreaking research on sharks and earned the nickname "The Shark Lady." (05-08) Whitman 2016 **B,K,L,Q,CA** (AR) **\$19.81**

**Liukas, Linda. *Hello Ruby: Adventures In Coding.* (580388) il.**

In Ruby's world, anything is possible if you set your mind to it. As Ruby embarks on her adventure, kids will be introduced through storytelling to the basic concepts of coding. (07-09) Feiwel and Friends 2015 **K,L,Q** (AR) **\$19.81**

**Mattern, Joanne. *Lightbulbs.* (613285) il.** An introduction to lightbulbs, including how science has continued to improve upon the little glass bulb that so brightens our world. (06-08) Children's 2016 (AR) **\$12.90**

**Mattern, Joanne. *Remote Control Planes.* (613344) il.**

An introduction to remote control planes, including the science behind how transmitters and receivers work together to make flying a plane relatively easy--and totally fun! (06-08) Children's 2016 (AR) **\$12.90**

**Sisson, Stephanie Roth. *Star Stuff: Carl Sagan And The Mysteries Of The Cosmos.* (823009)**

il. A biography of Carl Sagan focusing on his childhood and culminating in the Voyager mission and the Golden record. (04-08) Roaring Brook 2014 **B,K+,L+,Q+,M+,CA** (AR) **\$20.51**

**Van Vleet, Carmella. *To The Stars!: The First American Woman To Walk In Space.* (904392)**

**Wong, Nicole (Nicole E.) il.** How Kathy Sullivan's adventurous spirit and willingness to embrace new experiences took her into space. (05-08) Charlesbridge 2016 **B,K,L,Q,W** (AR) **\$19.79**

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(Prices subject to change)

Spring 2019

**Reviews and Reading Program Abbreviations**

- B** Booklist
- C** Bulletin of the Center for Children's Books
- K** Kirkus Reviews
- L** School Library Journal
- M** Horn Book
- Q** Horn Book Guide
- W** Publishers Weekly
- +** Starred review
- AR** Accelerated Reader® test available
- RC** Reading Counts® test available



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