



Bound to Stay Bound Books

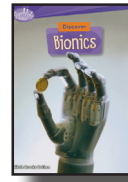
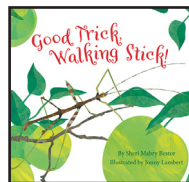
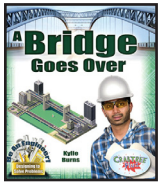
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Current Highly Recommended STEM Titles

S-Science T-Technology E-Engineering M-Math
for Younger Readers & Older Readers (Copyright 2014-2018)



Younger Readers

Adler, David A.

042728 Circles. The characteristics of circles as well as how to find the radius, diameter, circumference, and area of a circle are explained and illustrated in this geometry picture book. il. Miller, Edward. [IL 6-10] 32 pages Holiday House 2016 516. B,K,L,Q \$20.49 M

043088 Let's Estimate: A Book About Estimating And Rounding Numbers. This introduction to the mathematical estimating and rounding explains the difference between the two, their uses, and gives directions for estimating and rounding. il. Miller, Edward. [IL 6-10] 32 pages Holiday House 2017 513. B,K,L \$20.49 M

043086 Magnets Push, Magnets Pull. Covers the basics of magnetism, plus suggested activities. il. Raff, Anna. [IL 5-8] 32 pages Holiday House 2017 538. B,K,L,M \$20.49 S

043018 Money Math: Addition And Subtraction. Introduces children to American currency values and the basics of adding and subtracting money. il. Miller, Edward. [IL 6-10] 31 pages Holiday House 2017 513. K+ \$20.49 M

043112 Place Value. The mathematical concept of place value is explained using a place value chart, descriptions of how money is notated, and humorous examples from a recipe that a group of monkeys is using to make a gigantic banana muffin. il. Miller, Edward. [IL 5-8] 29 pages Holiday House 2016 513. B,K,L,Q \$20.49 M

044251 Triangles. Two friendly kids and one savvy robot explain the nature of triangles. il. Miller, Edward. [IL 7-10] 25 pages Holiday House 2014 516. B,K+,L+,Q (AR/RC) \$20.49 M

Allatson, Amy

053822 Diplodocus. An introduction to the diplodocus, including many fun facts about this giant kind of dinosaur, how it behaved, what it ate, what it looked like, and more. il. [IL 6-9] 24 pages Kidhaven Books 2018 567. \$14.35 S

053824 Pterodactyl. An introduction to the pterodactyl, including many fun facts about this flying dinosaur, how it behaved, what it ate, what it looked like, and more. il. [IL 6-9] 24 pages Kidhaven Books 2018 567. \$14.35 S

053823 Triceratops. An introduction to the triceratops, including many fun facts, how it behaved, what it ate, what it looked like, and more. il. [IL 6-9] 24 pages Kidhaven Books 2018 567. \$14.35 S

053826 Tyrannosaurus Rex. An introduction to the tyrannosaurus rex, including many fun facts about this most popular dinosaur, how

it behaved, what it ate, what it looked like, and more. il. [IL 6-9] 24 pages Kidhaven Books 2018 567. \$14.35 S

Anders, Mason

057969 DNA, Genes, And Chromosomes. Learn how DNA and genes determine each unique trait of plants and animals by taking a close look at the make up and structure of DNA. il. [IL 7-11] 32 pages Capstone 2018 572 \$21.30 S,T

Andros, Camille

062030 Charlotte The Scientist Is Squished. Charlotte, a serious scientist and a bunny, uses the scientific method to solve her problem: being squished by her many brothers and sisters. il. Farley, Brienne. [IL 4-7] 40 pages Clarion 2017 E. B,K,L+ (AR) \$19.81 S

Ang, Karen

062268 Inside The Bees' Hive. Young readers will learn about the diet, life cycle, behavior, and habitat of bees. il. [IL 6-9] 24 pages Bearport 2014 595. B,L,Q (AR/RC) \$24.67 S

Appelt, Kathi

064672 Counting Crows. The reader is invited to count hungry crows as they hunt for savory snacks. il. Dunlavey, Rob. [IL 3-7] 40 pages Atheneum 2015 E. B+,K+,L,Q,W+ (AR) \$20.51 M

Arnold, Tedd

070052 Fly Guy Presents: Bats. Fly Guy is buzzing over to the zoo today. Come along to learn all about bats! il. [IL 5-8] 32 pages Scholastic 2015 599. L,Q (AR) \$12.02 S

070054 Fly Guy Presents: Castles. Fly Guy and Buzz learn all about castles: from drawbridges and dungeons to kings, queens, and knights! il. [IL 6-8] 32 pages Scholastic 2017 940. B (AR/RC) \$12.02 E

070062 Fly Guy Presents: Dinosaurs. Fly Guy and Buzz visit a natural history museum to learn all about dinosaurs. il. [IL 5-8] 32 pages Scholastic 2014 567. (AR/RC) \$12.02 S

070055 Fly Guy Presents: Firefighters. Come ride the fire truck with Fly Guy! il. [IL 5-8] 32 pages Scholastic 2014 628. (AR/RC) \$12.02 T

070063 Fly Guy Presents: Insects. Learn all about insects with Fly Guy and Buzz! il. [IL 6-8] 32 pages Scholastic 2015 595. L (AR/RC) \$12.02 S

070067 Fly Guy Presents: Snakes. Learn all about snakes with Fly Guy! il. [IL 6-8] 32 pages Scholastic 2016 597. (AR/RC) \$12.02 S

070068 Fly Guy Presents: The White House. Fly Guy and Buzz are going to Washington, D.C., to learn all about the White House. il. [IL 5-8] 32 pages Scholastic 2016 975. (AR) \$12.02 T,E



070070 Fly Guy Presents: Weather. Learn all about weather with Fly Guy! il. [IL 5-7] 32 pages Scholastic 2016 551. L (AR/RC) \$12.02 S

070680 Why, Fly Guy?: A BIG Question & Answer Book. Come along with Fly Guy as he asks (and answers!) over 100 "why?" questions! il. [IL 5-8] 128 pages Scholastic 2017 031. \$18.41 S,T

Arnold, Quinn M.

070572 Sea Turtles. An introduction to sea turtles, covering their growth process, behaviors, the oceans they call home, such defining features as their long front flippers, and more. il. [IL 5-8] 24 pages Creative Education 2017 597. (AR/RC) \$21.89 S

070577 Stingrays. An introduction to stingrays, covering their growth process, behaviors, the waters they call home, such defining features as their long, thin tails, and more. il. [IL 5-8] 24 pages Creative Education 2017 597. (AR) \$21.89 S

Aston, Dianna Hutts

074571 Beetle Is Shy. An illustrated look at the fascinating world of beetles. il. Long, Sylvia. [IL 6-8] 30 pages Chronicle 2016 595. B,L,Q,W+ (AR/RC) \$19.81 S

Atlantic, Leonard

075075 95-Year-Old Parrots! An introduction to parrots, including why they are not prey for other animals, where they live, how they stay alive, and more. il. [IL 6-9] 24 pages Gareth Stevens 2017 598. L (AR) \$14.30 S

Baker, Jeannie

083395 Circle. Each year, bar-tailed godwits undertake the longest migration of any bird, flying from Australia to their breeding grounds in the Arctic and back again. Follows the godwit's incredible flight. il. [IL 5-8] 39 pages Candlewick 2016 591. B,C,K,L,M,Q+,W+ (AR/RC) \$20.51 S

Ball, Nate

087266 Solar System. Take a ride on a spaceship heading 3.6 billion miles away to explore the solar system with a team of adventurous scientists. il. Hargis, Wes. [IL 4-8] 40 pages Harper 2017 523. \$13.72 S

087290 Water Cycle. Join a crack team of curious scientists as they shrink down smaller than a raindrop to see first-hand what the water cycle is all about. il. Hargis, Wes. [IL 4-8] 40 pages Harper 2017 551. K,L \$13.72 S

Bang, Molly

088427 Rivers Of Sunlight: How The Sun Moves Water Around The Earth. The sun explains its role in the movement of water around the Earth, from the lifting of fresh water from the seas, to the movement of underwater currents that nourish the world's oceans. il. [IL 4-8] 42 pages Blue Sky Press 2017 551. B+,K+,L+,M+,W+ (AR/RC) \$21.21 S

Bell, Samantha

105618 Baler. Explores the parts and uses of balers. il. [IL 5-8] 24 pages Cherry Lake 2016 631. \$19.79 T

105664 Combine Harvester. Explores the parts and uses of combine harvesters. il. [IL 5-8] 24 pages Cherry Lake 2017 631. \$19.79 T

105666 Cotton Picker. Explores the parts and uses of cotton pickers. il. [IL 5-8] 24 pages Cherry Lake 633. \$19.79 T

106215 Plow And Ripper. Explores the parts and uses of plows and rippers. il. [IL 5-8] 24 pages Cherry Lake 2017 631. \$19.79 T

Best, B. J.

117164 Salmon. An introduction to salmon, including their life cycle, and more. il. [IL 5-8] 24 pages Cavendish Square 2017 597. (AR) \$14.33 S

Bestor, Sheri Mabry

117193 Good Trick, Walking Stick! With a simple story, perfect for read-alouds, this scientific look at a walking stick's life-cycle will captivate budding entomologists. il. Lambert, Jonny. [IL 5-7] 26 pages Sleeping Bear Press 2016 595. B,K,L,Q (AR) \$19.81 S

Bishop, Nic

122388 Penguin Day: A Family Story. While his mother is off fishing for food, baby Rockhopper penguin wanders off and almost becomes a meal for a hungry skua--but luckily papa penguin drives off the predator. il. [IL 4-8] 32 pages Scholastic 2017 598. B,C,K,L,W (AR/RC) \$19.81 S

Black, Vanessa

123520 Dust Storms. Carefully leveled text and vibrant photographs help early fluent readers understand how dust storms form, the damage they can cause, and how to stay safe in one. il. [IL 7-10] 24 pages Pogo 2016 551. B (AR) \$20.49 S

Bodden, Valerie

129588 Skunks. A basic exploration of the appearance, behavior, and habitat of skunks, the musk-spraying mammals. il. [IL 6-9] 24 pages Creative Education 2016 599. L,Q (AR) \$21.89 S

129486 Walruses. A basic exploration of the appearance, behavior, and habitat of walruses, the Arctic pinnipeds with whiskers. il. [IL 6-9] 24 pages Creative Education 2016 599. L,Q (AR) \$21.89 S

Boothroyd, Jennifer

134490 Endangered And Extinct Birds. Northern rockhopper penguins and colorful pufflegs are two examples of endangered birds. Find out what hurts these animals and what you can do to help. il. [IL 6-8] 32 pages Lerner 2014 598. B,L,Q (AR/RC) \$25.60 S

134495 Endangered And Extinct Fish. Cape seahorses and spartooth sharks are two examples of endangered fish. Find out what hurts these animals and what you can do to help. il. [IL 6-8] 32 pages Lerner 2014 597. B,L (AR/RC) \$25.60 S

134499 Endangered And Extinct Mammals. Asian elephants and Mexican long-nosed bats are two examples of endangered mammals. Find out what hurts these animals and what you can do to help. il. [IL 6-8] 32 pages Lerner 2014 599. B,L,Q (AR/RC) \$25.60 S

134501 Endangered And Extinct Reptiles. Short-nosed sea snakes and blue iguanas are two examples of endangered reptiles. Find out what hurts these animals and what you can do to help. il. [IL 5-8] 32 pages Lerner 2014 597. B,L,Q (AR/RC) \$25.60 S

134515 From Egg To Owl. How does an egg become an owl? Follow each step in the cycle--from a small, round egg to a powerful owl--in this fascinating book! il. [IL 5-9] 24 pages Lerner 2017 598. \$24.71 S

Borth, Teddy

135985 Hexagons. Easy text and large pictures help early readers discover hexagons are fun! il. [IL 4-7] 24 pages Abdo 2016 516. B,Q (AR) \$21.19 M

Branley, Franklyn M. (Franklyn Mansfield)

146025 Down Comes The Rain. A book on rainfall with hands-on experiments, including the creation of a model water cycle. il. Fraser, Mary Ann. [IL 4-8] 37 pages Harper 2017 551. (AR/RC) \$13.72 S

Braun, Eric

147296 Curious Pearl Investigates Light. 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. il. Dehennin, Stephanie. [IL 5-8] 24 pages Picture Window 2018 535. \$18.04 S

Brett, Jeannie

149283 Wild About Bears. A comprehensive look at the world's eight bear species. il. [IL 7-9] 32 pages Charlesbridge 2014 599. B,K,L,Q (AR/RC) \$13.40 S

Brocket, Jane

153928 Cold, Crunchy, Colorful: Using Our Senses. Combining simple text with gorgeous photos, the latest addition to Jane Brocket's Clever Concepts series encourages children to use all five of their senses (and the corresponding body parts associated with those senses) to investigate the world around them. il. [IL 4-7] 31 pages Millbrook 2014 612. B,K,L,Q \$26.58 S

173578 Trapped!: A Whale's Rescue. The true story of a female humpback whale that became entangled in fishing nets off the Pacific coast and was rescued by human divers. il. Minor, Wendell. [IL 4-6] 32 pages Charlesbridge 2015 599. B+,K,L+,W (AR) \$20.49 S

Burns, Loree Griffin

175384 Handle With Care: An Unusual Butterfly Journey. El Bosque Nuevo, located in the tropical forest of Costa Rica, is no ordinary farm. Here, the farmers "grow" butterfly pupae and

ship them to museums so that people around the world can learn more about butterflies. il. Harasimowicz, Ellen. [IL 7-9] 33 pages Millbrook 2014 595. **B,K,L,M,Q+** (AR/RC) **\$26.54 S**

Camisa, Kathryn

184403 Barn Owl. Readers will learn all about the life and habits of weird, but cute barn owls. il. [IL 5-8] 24 pages Bearport 2016 598. **L** (AR) **\$20.49 S**

Chin, Jason

211484 Gravity. Looks at the concept of gravity in a whole new way. il. [IL 5-7] 32 pages Roaring Brook 2014 531. **B,C+,K+,L+,M,Q,W+** **\$19.81 S**

Christelow, Eileen

212188 Robins!: How They Grow Up. Tells the story of two young robins' first year, and reveals plenty of little-known facts that are sure to captivate young naturalists. il. [IL 6-9] 48 pages Clarion 2017 598. **B+,K,M+,W** (AR/RC) **\$19.81 S**

Clark, Stacy

218215 When The Wind Blows. Introduces very young children to physics and engineering concepts. il. Sneed, Brad. [IL 4-8] 32 pages Holiday House 2015 551. **B,K,L,Q** **\$19.79 E,M**

Cline-Ransome, Lesa

222883 Germs: Fact And Fiction, Friends And Foes. This clever and informative picture book introduces young readers to the world of good and bad bacteria--germs! il. Ransome, James. [IL 4-8] 34 pages Holt 2017 579. **C,K,L,W** **\$20.51 S**

Cobb, Vicki

225192 How Could We Harness A Hurricane? Explores this natural phenomenon and what engineers are trying to do to diminish a hurricane's wrath. il. Cobb, Theo [IL 7-9] 47 pages Seagrass 2017 551. **\$19.79 S**

Corey, Shana

243831 Secret Subway. In 1870, Alfred Ely Beach invents New York's first underground train. il. Red Nose Studio. [IL 4-8] 40 pages Schwartz & Wade 2016 388. **C+,K+,L,Q-,W+** (AR/RC) **\$20.51 T,E**

Cox, Judy

246151 Sheep Won't Sleep. A girl who cannot sleep decides to count sheep and other woolly animals by ones, twos, fives, and tens. il. Cuneo, Nina. [IL 4-7] 31 pages Holiday House 2017 **E, W** **\$19.79 M**

Cox, Lynne

246148 Elizabeth, Queen Of The Seas. The incredible story of Elizabeth, a real-life elephant seal who made her home in the Avon River in the city of Christchurch, New Zealand. il. Floca, Brian. [IL 4-8] 41 pages Schwartz & Wade 2014 599. **B+,C+,K,L+,M,Q+,W** (AR/RC) **\$20.51 S**

Davin, Rose

223264 Scorpions. Learn about the appearance, behavior, and life cycle of this amazing desert animal. il. [IL 5-7] 24 pages Capstone 2017 595. (AR) **\$20.98 S**

De Nijs, Erika

266394 Ant's Colony. Provides a view of the layout of a belowground colony and looks at the different environments that various species of ants call home. il. [IL 5-8] 24 pages Cavendish Square 2017 595. (AR) **\$14.33 S**

266406 Spider's Web. Spiders are identified by the kinds of webs they build. Read about some of the different kinds of webs, from tangled to funnel, and the purposes they serve. il. [IL 5-8] 24 pages Cavendish Square 2017 595. (AR) **\$14.33 S**

De Seve, Karen

267173 First Big Book Of Weather. Introduces young children to every aspect of weather and answers the questions curious kids want to know! il. [IL 4-8] 128 pages National Geographic 2017 551. **B,K** **\$18.41 S**

Demi

272882 Florence Nightingale. A picture book biography of a female pioneer in medicine. il. [IL 4-8] 33 pages Holt 2014 610-B. **B,K+,L,Q,W** (AR/RC) **\$20.51 S,T**

DiSiena, Laura Lyn

280382 Hippos Can't Swim: And Other Fun Facts. A book of

fun facts about animals of all sizes, shapes, and species! il. Oswald, Pete. [IL 4-8] 31 pages Little Simon 2014 590. **B,K,L,Q** (AR) **\$20.51 S**

Drummond, Allan

290884 Green City: How One Community Survived A Tornado And Rebuilt For A Sustainable Future. The story of Greensburg, Kansas, a town that rebuilt completely green after a deadly tornado. il. [IL 5-8] 34 pages Farrar 2016 640. **B,K,L,M+,Q+** (AR/RC) **\$20.51 S,T,E**

Einhorn, Edward (Edward Arthur)

304537 Fractions In Disguise. Equal parts of action and humor add up to an entertaining introduction to simplifying fractions. il. Clark, David. [IL 7-10] 32 pages Charlesbridge 2014 513. **B,K+,L,Q** (AR) **\$13.40 M**

Evans, Topper

317059 100-Year-Old Tuataras! An introduction to the tuataras, including habitat, life span, adapted characteristics, and more. il. [IL 6-9] 24 pages Gareth Stevens 2017 593. **L** (AR) **\$14.30 S**

Feidman, Thea

328232 Katherine Johnson. A biography about NASA mathematician Katherine Johnson-whose incredible life story is part of the hit feature film Hidden Figures. il. Petersen, Alyssa. [IL 6-9] 47 pages Simon Spotlight 2017 510-B. **\$12.22 S,T,E,M**

Felix, Rebecca

328391 Magnetism At Work. Introduces young readers to physical science concepts, including refrigerators to TVs to compasses, science is at work all around us! il. [IL 4-8] 24 pages Abdo 2017538. **B,Q** (AR) **\$19.79 S,M**

Fleming, Candace

341170 Giant Squid. A nonfiction picture book exploring the mysterious life of the elusive giant squid. il. Rohmann, Eric. [IL 6-8] 31 pages Roaring Brook 2016 594. **B,C,K,L+,M+,Q,W+** (AR/RC) **\$21.21 S**

Gardeski, Christina Mia

366640 All About The North And South Poles. An introduction to the North and South poles, including the icy land, cold-loving creatures, fascinating facts about both polar regions, and more. il. [IL 4-7] 24 pages Capstone 2018 910. **\$18.69 S**

Garland, Michael

367782 Birds Make Nests. Birds make many kinds of nests in many kinds of places--to keep their eggs safe and to keep chicks safe. il. [IL 4-8] 30 pages Holiday House 2017 598. **B,K,L** **\$19.79 S**

374405 Galapagos George. The story of the famous Lonesome George, a giant tortoise inhabiting the ever-fascinating Galapagos Islands. il. Minor, Wendell. [IL 4-8] 36 pages Harper 2014 597. **B,K,L,M,Q,W+** (AR) **\$19.11 S**

Gianferrari, Maria

376193 Coyote Moon. A nonfiction picture book about coyotes hunting in suburban neighborhoods at night. il. Ibatoulline, Bagram. [IL 4-8] 32 pages Roaring Brook 2016 599. **B,C,K+,L+** (AR/RC) **\$20.51 S**

376204 It's Raining! A thorough explanation of the formation and effects of rain. il. [IL 4-8] 32 pages Holiday House 2014 551. **B,K,L,Q** (AR) **\$20.49 S**

Gilbert, Sara

378357 Giant Short-Faced Bears. An elementary exploration of giant short-faced bears, focusing on fossil evidence that helps explain how their long legs and wide snouts helped these beasts adapt to the last Ice Age. il. [IL 6-9] 23 pages Creative Education 2017 569. **B,L** **\$21.89 S**

378484 Mammoths. An elementary exploration of mammoths, focusing on fossil evidence that helps explain how their big tusks and shaggy fur helped these plant-eating beasts adapt to the last Ice Age. il. [IL 6-9] 23 pages Creative Education 2017 569. **L** **\$21.89 S**

378485 Monster Birds. An elementary exploration of monster birds, focusing on fossil evidence that helps explain how their wide wings and long feathers helped these beasts adapt to the last Ice Age. il. [IL 6-9] 23 pages Creative Education 2017 598. **B,L** **\$21.89 S**

378486 Saber-Toothed Cats. An elementary exploration of saber-toothed cats, focusing on fossil evidence that helps explain how their sharp, curved teeth and short legs helped these beasts adapt to the last Ice Age. il. [IL 6-9] 23 pages Creative Education 2017 569. L \$21.89 S

Gravel, Elise

393527 Toad. Hilarious illustrated nonfiction about toads will leave young readers croaking for more. il. [IL 6-9] 29 pages Tundra 2016 597. K,L,Q (AR) \$15.61 S

Gray, Rita

394347 Have You Heard The Nesting Bird? In this nonfiction picture book for young readers, we learn just why the mother nesting bird stays quiet and still while sitting on her eggs. il. Kenard, Pak. [IL 4-8] 32 pages Houghton 2014 598. B+,C,K+,L,Q,W \$19.81 S

Guiberson, Brenda Z.

406147 Deadliest Creature In The World. Creatures boast their amazing killer traits to see who is the deadliest. il. Spirin, Gennady. [IL 4-8] 32 pages Holt 2016 591. B,K,L+ (AR/RC) \$20.51 S

406136 Feathered Dinosaurs. An exploration of recently-discovered feathered dinosaurs--the ancient ancestors of birds today! il. Low, William. [IL 4-8] 34 pages Holt 2016 567. B,K,L,Q (AR/RC) \$20.51 S

Gutman, Dan

408668 My Weird School Fast Facts: Space, Humans, And Farts. Hundreds of weird-but-true science facts in this funny fact book, featuring characters from the My Weird School series. il. Paillot, Jim. [IL 7-10] 178 pages Harper 2017 500. \$13.22 S

Haldy, Emma E.

411962 Jane Goodall. A biography of Jane Goodall. il. [IL 4-8] 24 pages Cherry Lake 2017 590-B. (AR) \$21.89 S

Hall, Katharine

412624 Mammals: A Compare And Contrast Book. Compare and contrast mammals that live on land to those that live in the water. il. [IL 4-8] 32 pages Arbordale 2016 599. K,Q (AR) \$14.89 S

Halvorson, Karin

415536 Inside Your Germs. A fun and easy introduction to how germs work. il. [IL 5-9] 32 pages Abdo 2016 612. L,Q (AR) \$21.19 S

Hansen, Grace

418419 Salmon Migration. Learn about the impressive migration of five different Pacific salmon species, including why and when they migrate, how far they migrate, where they migrate, and more. il. [IL 5-7] 24 pages Abdo Kids 2018 597. \$21.89 S

Head, Murray

432832 I Can Run. Follow a squirrel as he runs just for fun and also to escape a scary hawk. il. [IL 3-6] 23 pages Holiday House 2017 599. K \$13.72 S

Heos, Bridget

439958 I, Fly: The Buzz About Flies And How Awesome They Are. Fly is fed up with everyone studying butterflies. Both funny and informative, this narrator provides a new perspective on his fascinating species. il. Plecas, Jennifer. [IL 4-8] 39 pages Holt 2015 595. B,C+,K,L,M,Q+ (AR/RC) \$20.51 S

439948 Shell, Beak, Tusk: Shared Traits And The Wonders Of Adaptation. Shows readers how some key survival problems are solved by some very different animals. il. [IL 7-9] 31 pages Houghton 2017 576. B,C,K,L,W \$19.81 S

439967 Wash Cars. Through trial and error and a few humorous mistakes, a boy learns how to wash cars, find customers, and create a successful car wash business to earn enough money to buy a new skateboard. il. Fabbri, Daniele. [IL 5-8] 24 pages Amicus 2014 629. B,L (AR) \$21.19 T

Houran, Lori Haskins

465043 How To Spy On A Shark. A crew of scientists at sea use a camera-equipped robotic device to track a shark's movements through the water. il. Marquez, Francisca. [IL 4-7] 24 pages Whitman 2015 597. B,K-,L,Q (AR) \$19.11 S,T

Howell, Sara

467222 Whirlpools. Examines the natural and human-made conditions that create whirlpools, eddies, and more. il. [IL 6-9] 32 pages Britannica Ed Pub 2017 551. (AR) \$24.34 S

Hunt, Santana

471696 Name That Reptile! Readers learn the characteristics of reptiles and then are introduced to several different kinds, such as a fat tail or long snout, fun facts about reptiles habits and home, and more. il. [IL 6-9] 24 pages Gareth Stevens 2017 597. (AR) \$14.30 S

Hurley, Jorey

474438 Hop. A day in the life of a rabbit family, from sleeping to grazing to hiding from danger. il. [IL 3-6] 33 pages Simon 2016 599. K,L,W \$20.51 S

Jackson, Demi

482793 How Is Paper Made? Presents papermaking from cutting down trees and making pulp with the wood to the final product we can use for writing. il. [IL 6-9] 24 pages Gareth Stevens 2016 676. L (AR) \$14.30 T

484900 Name That Bug! An introduction to insects and arachnids in which they're shown close-up, a few facts are given about the pictured creature, and more. il. [IL 6-9] 24 pages Gareth Stevens 2017 595. (AR) \$14.30 S

Jackson, Ellen

484928 Octopuses One To Ten. A counting journey through the amazing and mysterious world of octopuses. il. Page, Robin. [IL 3-8] 32 pages Beach Lane 2016 594. B,K,L,Q,W (AR) \$20.51 S,M

James, Emily

487612 Rachel Carson. A biography of Rachel Carson, including her life, achievements, and more. il. [IL 5-7] 24 pages Capstone 2017 570-B. (AR) \$20.98 S,T

Jenkins, Martin

490826 Fabulous Frogs. Explore all kinds of frogs, from the most exotic to the greenish-brown specimens in backyards. il. Hopgood, Tim. [IL 5-8] 27 pages Candlewick 2016 597. B,K,L,M,Q+,W (AR/RC) \$19.81 S

490820 Apex Predators: World's Deadliest Hunters, Past And Present. Introduces readers to some of the most powerful predators in history, from the Tyrannosaurus rex to the African lion. il. [IL 6-9] 32 pages Houghton 2017 591. B,K,L,W \$20.51 S

490832 Creature Features: 25 Animals Explain Why They Look The Way They Do. Get face-to-face with unique animals from around the world in this playful exploration of unusual animal facial features. il. [IL 4-8] 32 pages Houghton 2014 571. B,C,K,L+,Q,W+ (AR/RC) \$20.51 S

695299 Egg: Nature's Perfect Package. Explore how a simple, often colorful, sometimes surprisingly shaped package reveals nature's life cycle, unusual animal defense strategies, parenting behavior, evolution, and more. il. [IL 4-8] 32 pages Houghton 2015 573. B,C,K,L,Q \$19.81 S

490834 Eye To Eye: How Animals See The World. Presents a series of animals that possess unusual eyes. il. [IL 6-9] 32 pages Houghton 2014 573. B,C,K+,L+,M,W+ (AR/RC) \$20.51 S

490824 Flying Frogs And Walking Fish: Leaping Lemurs, Tumbling Toads, Jet-Propelled Jellyfish, And More Surprising Ways That Animals Move. Explore unusual animal locomotion through incredible art and fascinating facts. il. [IL 6-8] 34 pages Houghton 2016 591. B,C,K,L,M,Q+,W+ (AR/RC) \$20.51 S

Juettner Fernandes, Bonnie

503830 Large Hadron Collider. Describes the struggles and accomplishments in building the Hadron Super Collider, the tool that scientists use to understand how the universe first began. il. [IL 8-11] 48 pages Norwood House 2014 539. B,L,Q (AR) \$21.89 S,T,E

Kaner, Etta

506576 Animals Do, Too!: How They Behave Just Like You. Featuring seven animals--both familiar and perhaps unfamiliar--fostering an understanding and compassion for the natural world through human-animal comparisons. il. Faucher, Marilyn. [IL 4-7] 32 pages Kids Can 2017 591. B,L \$19.79 S

Keating, Jess

510541 Pink Is For Blobfish: Discovering The World's Perfectly Pink Animals. An informative introduction to the weirdest, wildest, pinkest creatures in the animal kingdom. il. DeGrand, David. [IL 7-10] 48 pages Knopf 2016 591. B,C,K,L,Q,W (AR) \$19.81 S

Kenah, Katharine

513078 Flood Warning. All about heavy rains and floods. How they start, and how to stay safe. il. Schimler, Amy. [IL 4-8] 36 pages Harper 2016 551. **B,C,L,M,Q+** \$13.72 **S,E**

Kenan, Tessa

585625 Look, A Clown Fish! An introduction to clown fish. [IL 4-8] 24 pages Lerner 2017 597. (AR) \$25.64 **S**

585622 Look, A Starfish! An introduction to starfish. il. [IL 4-8] 24 pages Lerner 2017 593. **B** (AR) \$25.64 **S**

Kingsley, Imogen

519548 Black Mambas. Learn how black mamba snakes survive on the savanna. il. [IL 4-7] 24 pages Bullfrog Books 2018 597. (AR) \$20.49 **S**

519599 Boa Constrictors. Learn how boa constrictors hunt for prey in the wild. il. [IL 4-7] 24 pages Bullfrog Books 2018 597. (AR) \$20.49 **S**

519644 Coral Snakes. Learn how coral snakes live and hunt in the wild. il. [IL 4-7] 24 pages Bullfrog Books 2018 597. \$20.49 **S**

519647 Death Adders. Learn how these venomous snakes live and hunt in the wild. il. [IL 4-7] 24 pages Bullfrog Books 2018 597. (AR) \$20.49 **S**

Krull, Kathleen

533296 What's New? The Zoo!: A Zippy History Of Zoos. Brings jazzy style and a globe-trotting eye to our millennia-long history of keeping animals, and the ways animals have changed us in turn. il. Hall, Marcellus. [IL 4-8] 40 pages Scholastic 2014 590. **B,CA,K,L+,Q,W** (AR/RC) \$20.51 **S,E**

Kukla, Lauren

534093 Elements At Work. Introduces young readers to physical science concepts, including balloons to pennies to water, science is at work all around us! il. [IL 4-8] 24 pages Abdo 2014 546. **Q** (AR) \$19.79 **S**

534136 Mass At Work. Introduces young readers to a physical science concept, including weight to size to motion, science is at work all around us. il. [IL 4-8] 24 pages Abdo 2017 531. **Q** (AR) \$19.79 **S**

Lasky, Kathryn

544161 Newton's Rainbow: The Revolutionary Discoveries Of A Young Scientist. A picture-book biography of young Isaac Newton, who "discovered" gravity, developed calculus, and uncovered the secrets of light and color. il. Hawkes, Kevin. [IL 4-8] 47 pages Farrar 2017 530-B. **B,L,M,W** \$20.51 **S,M**

Laughlin, Kara L.

548818 Sea Horses. An introduction to sea horses including physical characteristics, behavior, and life cycle. il. [IL 5-8] 24 pages Child's World 2017 597. (AR) \$21.19 **S**

Lawler, Janet

550517 Scary Plants! Learn more about the tricky or deadly ways some plants protect themselves and capture food. [IL 6-8] 48 pages Penguin Young Readers 2017 581. (AR) \$12.22 **S**

Lawrence, Ellen

550802 Black Caiman. An introduction to black caimans, including their habitat, characteristics, life cycle, and more. il. [IL 4-8] 24 pages Bearport 2017 597. **L** (AR) \$20.49 **S**

550801 Electric Eel. An introduction to electric eels, including their habitat, characteristics, life cycle, and more. il. [IL 4-8] 24 pages Bearport 2017 597. **L** (AR) \$20.49 **S**

550798 Harpy Eagle. An introduction to harpy eagles, including their habitat, characteristics, life style, and more. il. [IL 4-8] 24 pages Bearport 2017 598. **B,L** (AR) \$20.49 **S**

551769 Roseate Spoonbill. In this book, young readers will learn about the diet, life cycle, behavior, and swamp habitat of the roseate spoonbill. il. [IL 5-8] 24 pages Bearport 2017 598. **B** (AR/RC) \$20.49 **S**

551796 What's Soil Made Of? In this book, readers learn what makes up soil. il. [IL 6-9] 24 pages Bearport 2016 631. **B,Q** (AR) \$20.49 **S**

Leaf, Christina

554295 Damselflies. Presents damselflies flying, eating, molting,

and more in this insect close-up. il. [IL 5-8] 24 pages Bellwether Media 2018 595. \$20.49 **S**

554436 Honeybees. Presents honeybees and how they turn nectar collected from plants into honey and then store it in honeycombs. il. [IL 5-8] 24 pages Bellwether Media 2018 595. \$20.49 **S**

Leighton, Christina

559162 Freight Trains. Presents powerful freight trains moving heavy loads of food, coal, and more! il. [IL 5-8] 24 pages Bellwether Media 2018 625. \$20.49 **T,E**

559172 High-Speed Trains. Introduces high-speed trains to young readers through leveled text and related photos. il. [IL 5-8] 24 pages Bellwether Media 2018 625. \$20.49 **T,E**

559177 Passenger Trains. Introduces passenger trains to young readers through leveled text and related photos. il. [IL 5-8] 24 pages Bellwether Media 2018 625. \$20.49 **T,E**

559180 Subway Trains. Introduces subway trains to young readers through leveled text and related photos. il. [IL 5-8] 24 pages Bellwether Media 2018 625. \$20.49 **T,E**

Levine, Sara

566922 Bone By Bone: Comparing Animal Skeletons. Learn about how our skeletons are like--and unlike--those of other animals. il. Spookytooth, T. S. [IL 5-9] 31 pages Millbrook 2014 599. **B,C,L,Q** (AR) \$26.58 **S**

567238 Tooth By Tooth: Comparing Fangs, Tusks, And Chompers. Will keep readers guessing as they find out how human teeth are like--and unlike--those of other animals. il. Spookytooth, T. S. [IL 4-8] 32 pages Millbrook 2016 599. **B,K,L,Q** (AR/RC) \$26.58 **S**

Lewin, Ted

568346 Animals Work. Transports readers from an open field to a desert to a snowy tundra as animals of all kinds, from a shaggy pup to a group of camels, perform some very important tasks. il. [IL 4-8] 30 pages Holiday House 2014 591. **B,K,L,Q** (AR) \$18.39 **S**

568348 Can You See Me? Invites readers to explore animal camouflage in the rain forest. il. [IL 4-8] 24 pages Holiday House 2014 591. **B,K,L,Q** \$18.39 **S**

Lewis, J. Patrick

568469 My Home In The Desert. An introduction to the harshest deserts on earth and the wide variety of animals, including roadrunners, sidewinders, and more. il. [IL 6-8] 24 pages Children's 2017 591. (AR) \$12.90 **S**

568470 My Home In The Rainforest. An introduction to the rainforest where half the planet's animals and plants can be found, including gorillas, boa constrictors, and more. il. [IL 6-8] 24 pages Children's 2017 591. (AR) \$12.90 **S**

568471 My Home In The Water. An introduction to Earth's freshwater and saltwater habitats teeming with life, including blue whales, green sea turtles, and more. il. [IL 6-8] 24 pages Children's 2017 591. (AR) \$12.90 **S**

568472 My Home On The Ice. An introduction to the coldest, most barren places on Earth and the wide variety of animals, including emperor penguins, arctic foxes, and more. il. [IL 6-8] 24 pages Children's 2017 577. (AR) \$12.90 **S**

London, Jonathan

584680 Otters Love To Play. A frolicsome bunch of otters play all year round in a nonfiction story sprinkled with facts--and loaded with fun. il. So, Meilo. [IL 5-8] 31 pages Candlewick 2016 599. **B,C,K,L,M,Q+** \$19.81 **S**

Long, Ethan

585286 Wing Wing Brothers Geometry Palooza! The Wing Wing brothers teach readers the building blocks of geometry. il. [IL 4-6] 32 pages Holiday House 2014 516. **B,K,L,Q,W** (AR) \$19.09 **M**

Loy, Jessica

589628 Weird And Wild Animal Facts. This is a book about fourteen well-known animals--kangaroos, hippos, giraffes--who all il. [IL 4-8] 35 pages Holt 2015 590. **B,K,L,Q,W** \$20.51 **S**

Lunde, Darrin P.

590713 Whose Poop Is That? A playful picture book exploring the connections between an animal, its diet, and its poop. il. Oseid,

Kelsey. [IL 3-7] 32 pages Charlesbridge 2017 591. **B,C,K,L,M,W** \$19.81 **S**

Markovics, Joyce L.

604055 Puffer Fish. In this book, readers will meet the cute but weird puffer fish. il. [IL 5-8] 24 pages Bearport 2016 597. **L,Q** (AR) \$20.49 **S**

Martin, Jacqueline Briggs

606097 Alice Waters And The Trip To Delicious. A simple biography about the famous chef Alice Waters, whose philosophy is that delicious meals do not start in the kitchen, but in the fields with good soil and caring farmers. il. Choi, Hayelin. [IL 6-9] 32 pages Readers To Eaters 2014 641-B. **B,K,L,W** \$21.19 **S**

McCarthy, Meghan

618506 Earmuffs For Everyone!: How Chester Greenwood Became Known As The Inventor Of Earmuffs. This picture book biography of Chester Greenwood explores the invention of the earmuffs and the patenting process. il. [IL 4-8] 42 pages Simon 2015 687-B. **B+,C+,K+,L+,Q,W+** (AR/RC) \$20.51 **T**

McCully, Emily Arnold

622404 Caroline's Comets: A True Story. Caroline Herschel was the first woman to discover a comet and the first woman to be paid as a scientist. il. [IL 4-8] 31 pages Holiday House 2017 520-B. **B+,C,K,L,M** (AR/RC) \$19.79 **S**

McElligott, Matthew

624202 Space Disaster. In their third adventure, when Dr. Cosmic's class meets Commander Nova, the school astronomer, they know their next lesson will be out of this world! il. [IL 5-8] 34 pages Crown 2017 521. **K,L** \$20.51 **S**

624201 Weather Disaster. Dr. Cosmic's class of clever monsters must face down blizzards, thunderstorms, floods, and tornadoes, in this perfect blend of adventure and exploration. il. [IL 5-8] 33 pages Crown 2016 551. **C,K,L,Q** (AR) \$20.51 **S**

Meisel, Paul

635571 My Awesome Summer By P. Mantis. The life cycle of a praying mantis. il. [IL 4-8] 38 pages Holiday House 2017 595. **B,K,L,M** (AR/RC) \$19.79 **S**

Messner, Kate

639773 Over And Under The Pond. A detailed look at the rich, interconnected ecosystem of a mountain pond. il. Neal, Christopher Silas. [IL 5-8] 42 pages Chronicle 2017 577. **L,M,W+** \$19.81 **S**

639782 Over And Under The Snow. Explores the tunnels and caves formed beneath the snow but over the ground, where many kinds of animals live through the winter. il. Neal, Christopher Silas. [IL 4-8] 38 pages Chronicle 2014 591. **B,E,K,L,M+,Q+,T,W** (AR) \$13.90 **S**

Minden, Cecilia

649167 Nurses. Describes how nursing is a demanding job and requires skill, patience, and a gentle touch. Kids learn about the professionals who take care of them when they're ill and help them maintain their overall health. il. [IL 6-9] 24 pages Child's World 2014 610. **B,L** (AR) \$20.49 **S,T**

649184 Veterinarians. Pets are an important part of the family. So when they get sick or hurt, we rely on the skill and compassion of veterinarians. il. [IL 6-9] 24 pages Child's World 2014 636. **B,L** (AR) \$20.49 **S,T**

O'Connell, Caitlin

685428 Baby Elephant In The Wild. This nonfiction photo essay brings young children to the Africa scrub desert to witness a baby elephant surviving in the wild. il. Rodwell, T. C. [IL 4-8] 39 pages Houghton 2014 599. **B,CA,K,L,M,Q+** (AR/RC) \$19.81 **S**

Olien, Jessica

688501 Blobfish Book. Introduces the Blobfish, known as the "ugliest fish in the sea," and compares it to other fish. il. [IL 4-8] 36 pages Harper 2016 597. **B,K,L+,Q,W** (AR) \$20.51 **S**

Oliver, Narelle

689432 Sand Swimmers: The Secret Life Of Australia's Desert Wilderness. Journey to the heart of Australia and find secret life in the harshest of deserts. il. [IL 7-10] 29 pages Candlewick 2015 591. **B,K+,L,Q** \$19.81 **S**

Overdeck, Laura

694710 How Many Guinea Pigs Can Fit On A Plane?: Answers

To Your Most Clever Math Questions. Find the answers to unusual questions in this math-oriented fun facts book. il. [IL 7-9] 137 pages Feiwel and Friends 2017 513. \$19.11 **M**

Owings, Lisa

694909 From Egg To Honeybee. How do honeybees grow? Follow each step in the life cycle--from tiny eggs in the hive to busy bees making honey, and more. il. [IL 5-9] 24 pages Lerner 2017 595. \$24.71 **S**

694910 From Egg To Ladybug. How does a small egg become a ladybug? Follow each step in the cycle--from a long golden egg lying on a leaf to a bright red insect, and more. il. [IL 5-9] 24 pages Lerner 2017 595. \$24.71 **S**

Packham, Chris

695246 Amazing Animal Babies. Meet some incredible baby animals, such as Darwin's froglets and baby earthworms, to tiger cubs and meerkat pups. il. Cockcroft, Jason. [IL 4-8] 27 pages Sterling 2017 590. \$18.39 **S**

Pallotta, Jerry

696673 Butterfly Counting. A nature counting book that features butterflies of all shapes and sizes. il. Bersani, Shennen. [IL 3-7] 32 pages Charlesbridge 2015 513. **B,K,L,Q** \$13.40 **S,M**

Paul, Miranda

704245 Water Is Water. A spare, poetic picture book exploring the different phases of the water cycle in surprising and engaging ways. il. Chin, Jason. [IL 4-6] 37 pages Roaring Brook 2015 551. **B,C,K,L+,M,Q+** \$21.21 **S**

Penne, Barbra

709141 Mirages And Other Marvels Of Light And Air. Takes a closer look at mirages and similar phenomena, explaining to elementary readers that there is much more to these natural optical illusions than meets, or doesn't meet, the eye. il. [IL 6-9] 32 pages Britannica Ed Pub 2017 551. (AR) \$25.04 **S**

Perish, Patrick

709515 Aphids. An introduction to the habits, habitats, and life span of aphids. il. [IL 5-8] 24 pages Bellwether Media 2018 595. \$20.49 **S**

709514 Earwigs. Explores how earwigs look and behave. il. [IL 5-8] 24 pages Bellwether Media 2018 595. \$20.49 **S**

Peters, Elisa

710672 Auroras: Behind The Northern And Southern Lights. Introduces elementary readers to the basics of magnetism and atmospheric science. il. [IL 6-9] 32 pages Britannica Ed Pub 2017 538. **B** (AR) \$25.04 **S**

Pettiford, Rebecca

713115 Stingrays. Simple text and full-color photography introduce beginning readers to stingrays. il. [IL 4-7] 24 pages Bellwether Media 2017 597. (AR) \$20.49 **S**

Phillips, Dee

715000 Spider Monkey. Young readers will learn about the diet, habitat, behavior and life cycle of spider monkeys. Tread. il. [IL 6-9] 24 pages Bearport 2014 599. **B,L,Q** (AR/RC) \$24.67 **S**

Polinsky, Paige V.

724034 Super Simple Experiments With Elements: Fun And Innovative Science Projects. Budding scientists will learn to grow colorful ice crystals, discover magnetic elements in your breakfast cereal, and more! il. [IL 5-8] 32 pages Abdo 2017 507 **Q** \$21.19 **S**

724060 Super Simple Experiments With Mass: Fun And Innovative Science Projects. Budding scientists will learn to make and measure the mass of putty, separate liquids by density, and more! il. [IL 5-8] 32 pages Abdo 2017 531. \$21.19 **S**

Pringle, Laurence

733538 Octopuses! An investigation of octopuses, covering the entire life cycle of these mysterious ocean dwellers and their anatomical details and behavioral quirks. il. Henderson, Meryl. [IL 7-9] 32 pages Boyds Mills 2015 594. **B,K+,L,M,Q+** (AR) \$19.79 **S**

733546 Secret Life Of The Woolly Bear Caterpillar. All about those fuzzy orange-banded caterpillars, including their life cycle, body structure, habits, and habitat. il. Paley, Joan. [IL 6-8] 32 pages Boyds Mills 2014 595. **B,K,L,Q** (AR/RC) \$19.79 **S**

Proudfit, Benjamin

734141 Why Does Food Go Bad? Explains the process of how



and why food goes bad. il. [IL 6-9] 24 pages Gareth Stevens 2016 664. L (AR/RC) \$14.30 S

Rabe, Tish

378482 Who Hatches The Egg? The Cat in the Hat looks at the different kinds of animals that lay eggs and their amazing shapes, sizes, and colors. il. Ruiz, Aristides. [IL 5-8] 45 pages Random 2017 591. (AR) \$14.91 S

Rake, Jody Sullivan

738147 Jellyfish. Explores the life of the jellyfish and how it survives with no spine, face, or brain. il. [IL 6-9] 24 pages Capstone 2017 593. (AR) \$19.97 S

738185 Sea Urchins. Explores the life of the sea urchin and how it survives with no face, spine, or brain. il. [IL 6-9] 24 pages Capstone 2017 593. (AR) \$19.97 S

Reinke, Beth Bence

745780 Why Do Leaves Change Color? Find out why leaves turn orange, yellow, red, and purple in the autumn before falling to the ground. il. [IL 6-9] 24 pages Child's World 2017 508. Q (AR) \$21.19 S

Riggs, Kate

754127 Coral Reefs. An introduction to coral reefs, including their growth process, behaviors, the oceans they call home, such defining features as their waving tentacles, and more. il. [IL 5-8] 24 pages Creative Education 2017 577. (AR) \$21.89 S

754129 Falcons. A basic exploration of the appearance, behavior, and habitat of falcons, Earth's fast-flying birds of prey. il. [IL 6-9] 24 pages Creative Education 2017 598. (AR) \$21.89 S

129556 Hippopotamuses. A basic exploration of the appearance, behavior, and habitat of hippopotamuses, the large African mammals. il. [IL 6-9] 24 pages Creative Education 2016 599. L,Q (AR) \$21.89 S

129557 Octopuses. A basic exploration of the appearance, behavior, and habitat of octopuses, the eight-armed ocean creatures. il. [IL 6-9] 24 pages Creative Education 2016 594. L,Q (AR) \$21.89 S

754192 Storks. A basic exploration of the appearance, behavior, and habitat of storks, Earth's big wading birds. il. [IL 6-9] 24 pages Creative Education 2017 598. B (AR) \$21.89 S

Roberts, Abigail B.

758121 Using A Thermometer. Introduces readers to various ways thermometers are used for measurement. il. [IL 6-9 RL 1-2] 24 pages Gareth Stevens 2018 536. \$13.70 S

Rockwell, Lizzy

761284 Bird Is A Bird. Explains that birds have beaks, wings, and feathers, and hatch from eggs. il. [IL 3-7] 30 pages Holiday House 2015 598. B,C,K,L,Q,W \$19.79 S

761468 Plants Feed Me. A science book about the parts of plants that humans find delicious. il. [IL 3-6] 29 pages Holiday House 2014 581. B,K,L,Q,W (AR/RC) \$19.79 S

Roderick, Stacey

761628 Bugs From Head To Tail. Challenges readers to guess which bug each of eight different body parts belongs to. il. Moriya, Kwanchai. [IL 3-7] 36 pages Kids Can 2017 595. \$19.81 S

Roman, Nora

762858 Using A Ruler. Introduces readers to various ways rulers are used for measurement. il. [IL 6-9 RL 1-2] 24 pages Gareth Stevens 2017 530. \$13.70 S,E

Rooney, Anne

763067 Agricultural Engineering And Feeding The Future. Explores how engineers design methods, as well as machinery for growing and harvesting crops, to make farming more efficient. il. [IL 9-12] 32 pages Crabtree 2016 630. B (AR) \$15.20 S,T,E

Roop, Connie

763089 Extreme Survivors. Up high, down low, in freezing temperatures, and in boiling hot places--animals and plants can survive in the most extreme environments. il. [IL 5-8] 32 pages Sterling 2014 591. B,K,L,Q (AR) \$15.20 S

Rotner, Shelley

767731 Grow! Raise! Catch!: How We Get Our Food. Farmers and fishermen show off their bounty in this lively look at the people

who produce the food on which we all rely. il. [IL 4-7] 32 pages Holiday House 2016 630. B+,K,L,Q (AR/RC) \$19.79 S

767757 Whose Eye Am I? This introduction to how humans and other animals see also includes an interactive game in which readers guess which eye belongs to which animal. il. [IL 4-8] 32 pages Holiday House 2016 573. B,K,L,Q,W (AR) \$19.79 S

Rudolph, Jessica

770540 Rockhopper Penguin. In this book, readers learn about the weird but cute rockhopper penguin. il. [IL 5-8] 24 pages Bearport 2016 598. L,Q (AR) \$20.49 S

Salas, Laura Purdie

774617 Water Can Be-- Find out about the many roles water plays in this poetic exploration of water in all different settings. il. Dabija, Violeta. [IL 4-7] 32 pages Millbrook 2014 553. B,K+,L,Q,W+ \$20.49 S

Salzmann, Mary Elizabeth

775208 Aircraft. Learn all about the different kinds of aircraft, from hot air balloons to fighter jets to rockets. il. [IL 4-8] 24 pages Abdo 2016 629. B,Q (AR) \$19.79 S,T,E

Saxby, Claire

780522 Big Red Kangaroo. Follow a dominant male kangaroo as he leads his mob in search of food--and holds his own against other males who vie for his role. il. Byrne, Graham. [IL 5-8] 23 pages Candlewick 599. B,C,K,L,M,Q+,W (AR) \$19.81 S

Saxena, Shalini

780660 Math On The Moon. An introduction to the moon, including beautiful photographs, interesting information, and corresponding math problems. il. [IL 7-10] 24 pages Gareth Stevens 2015 523. (AR) \$14.30 S,M

Sayre, April Pulley

781162 Best In Snow. A photographic non-fiction picture book about the wonder of snowfall and the winter water cycle. il. [IL 3-8] 40 pages Beach Lane 2016 551. B+,K+,L,Q,W+ \$20.51 S

781168 Raindrops Roll. Celebrated author April Pulley Sayre sheds new light on the wonders of rain, from the beauty of a raindrop balanced on a leaf to the amazing, never-ending water cycle that keeps our planet in perfect ecological balance. il. [IL 4-8] 40 pages Beach Lane 2015 551. B,K+,L+,Q,W+ \$20.51 S

781226 Woodpecker Wham! Enter woodpecker world and get a bird's eye view of everyday life: hiding from hawks, feeding hungry chicks, and drilling holes to build homes. il. Jenkins, Steve. [IL 4-8] 39 pages Holt 2015 598. B,K,L+,M,Q+,W \$20.51 S

782010 Run For Your Life!: Predators And Prey On The African Savanna. On the savannah, animals--including leopards, impalas, eagles, hares and hippos--use locomotion to capture prey and escape predators. il. Meisel, Paul. [IL 4-8] 33 pages Holiday House 2016 591. B,K,L,W \$19.79 S

Schnell, Lisa Kahn

787476 High Tide For Horseshoe Crabs. Horseshoe crabs, shorebirds, and humans converge in a frenzy of activity during the annual horseshoe crab mass-spawning event at Delaware Bay. il. Marks, Alan. [IL 6-8] 40 pages Charlesbridge 2015 595. B,K+,L+,Q (AR/RC) \$19.79 S

Schuetz, Kari

790218 Clownfish. Simple text and full-color photography introduce beginning readers to clownfish. il. [IL 4-7] 24 pages Bellwether Media 2017 597. (AR) \$20.49 S

790217 Life In A Coral Reef. Simple text and full-color photography introduce beginning readers to life in a coral reef. il. [IL 5-8] 24 pages Bellwether Media 2016 577. B (AR/RC) \$19.79 S

Schuh, Mari C.

790220 Corals. Examines corals named for being look alikes due to their different shapes and sizes. il. [IL 5-8] 24 pages Bellwether Media 2017 593. (AR) \$20.49 S

790099 Parrotfish. Examines parrotfish and their ability to turn into vibrant rainbow colored adults allowing them to blend in with brilliant coral reefs. il. [IL 5-8] 24 pages Bellwether Media 2017 597. (AR) \$20.49 S

Sill, Cathryn P.

817246 About Habitats: Forests. Explores the major attributes of the forest biome and showcases its striking beauty and remarkable



diversity. il. Sill, John. [IL 3-7] 44 pages Peachtree 2014 577. B,K,L,Q (AR) \$19.79 S

817258 About Habitats: Seashores. An introduction to the seashore habitat, including what seashores are and what kinds of animals and plants live there. il. Sill, John. [IL 3-7] 44 pages Peachtree 2017 577. B,K \$19.79 S

817255 About Marine Mammals: A Guide For Children. A thoughtful first glimpse into the world of marine mammals--from the small, playful sea otter to the gigantic blue whale. il. Sill, John. [IL 3-7] 46 pages Peachtree 2016599. B,K,L,Q (AR/RC) \$19.79 S

817250 About Parrots: A Guide For Children. Uses simple, easy-to-understand language to teach children what parrots are, how they look, how they move, what they eat, and where they live. il. Sill, John. [IL 3-7] 44 pages Peachtree 2014 598. B,K,L,Q (AR) \$19.79 S

820349 Insects. Explores the wonderful world of insects, with insects' life stages, senses, bodies, and the many different kinds, including beetles, dragonflies, bees, butterflies, and more! il. [IL 6-10] 40 pages Harper 2016 595. B,K,Q \$20.51 S

820363 Rocks And Minerals. Learn all about rocks and minerals, how they are formed, crystals, fractures, Mohs scale of hardness, rock collecting, and more. il. [IL 6-10] 48 pages Harper 2017 522. L \$13.72 S

821500 Tornadoes. Find out about the strongest winds on earth, where and how they are created, and how to protect yourself from tornadoes. il. [IL 6-10] 32 pages Harper 2017 551. \$13.72 S

Slade, Suzanne

823754 Out Of School And Into Nature: The Anna Comstock Story. A picture book biography about naturalist and artist Anna Comstock (1854-1930), who defied social conventions and pursued the study of science. il. Lanan, Jessica. [IL 6-9] 32 pages Sleeping Bear Press 2017 508. B,K+,L,W \$19.81 S

Slingerland, Janet

824384 What Makes The Sky Blue? Find out how the atmosphere makes the sky look blue during the day and orange and red at sunrise and sunset. il. [IL 6-9] 24 pages Child's World 2017 530. Q (AR) \$21.19 S

Steinberg, Lynnae D.

847200 Rainbows And Other Marvels Of Light And Water. Captures all of the excitement of rainbow sightings after rainy days. il. [IL 6-9] 32 pages Britannica Ed Pub 2017 551. (AR) \$24.34 S

Stewart, Melissa

854327 Can An Aardvark Bark? A non-fiction look at the sounds that animals make and the reasons behind them. il. Jenkins, Steve. [IL 3-8] 32 pages Beach Lane 2017 591. B,C,K+,L,W \$20.51 S

854603 Droughts. Read and find out everything you need to know about droughts! il. Ceolin, Andre. [IL 4-8] 36 pages Harper 2017 551. K \$13.72 S

854340 Feathers: Not Just For Flying. Meet sixteen birds in this introduction to many uses for feathers. il. Brannen, Sarah S. [IL 6-9] 32 pages Charlesbridge 2014 598. B,C,K,L,M,Q+,W+ (AR/RC) \$13.40 S

854577 World's Fastest Animals. Come learn about the world's fastest animals, from speedy cheetahs and swiftly swinging tree gibbons to colorful chameleons whose tongues grab an insect quicker than you can blink an eye. il. [IL 5-8] 32 pages Sterling 2014 591. B,L,Q (AR) \$15.20 S

854581 Zoom In On Bees. Provides information for readers about a bee's home, food, and body. il. [IL 5-8] 24 pages Enslow Elementary 2014 595. B,L,Q (AR) \$22.80 S

854584 Zoom In On Butterflies. Provides information for readers about a butterfly's home, food, and body. il. [IL 5-8] 24 pages Enslow Elementary 2014 595. B,L,Q (AR) \$22.80 S

854589 Zoom In On Grasshoppers. Provides information for readers about a grasshopper's home, food, and body. il. [IL 4-8] 24 pages Enslow Elementary 2014 595. B,L,Q (AR) \$22.80 S

854591 Zoom In On Ladybugs. Provides information for readers about a ladybug's home, food, and body. il. [IL 5-8] 24 pages Enslow Elementary 2014 595. B,L,Q (AR) \$22.80 S

Stockdale, Susan

855634 Spectacular Spots. Susan Stockdale brings to life a patterned parade of animals, showing young readers some of the many reasons spots are found so often in nature. il. [IL 2-6] 32 pages Peachtree 2015 591. B,K,L,Q \$19.09 S

Terp, Gail

875895 What Is A Solstice? Find out how the movement of Earth causes the first day of summer and the first day of winter. il. [IL 6-9] 24 pages Child's World 2017 521. Q (AR) \$21.19 S

Vasilyeva, Anastasiya

906484 Dragonfly. Discover how an embryo becomes a nymph and then molts into a grownup dragonfly in this basic introduction to animal development. il. [IL 4-8] 24 pages Bearport 2017 595. L (AR) \$20.49 S

Ventura, Marne

907450 Why Does Earth Have Seasons? Find out what causes spring, summer, fall, and winter and how different parts of Earth experience the seasons. il. [IL 6-9] 24 pages Child's World 2017 550. Q (AR) \$21.19 S

Ward, Jennifer

920099 Feathers And Hair, What Animals Wear. A picture book that explores the feathers, fur, skin, or hair that different animals wear! il. Tsong, Jing Jing. [IL 2-7] 42 pages Beach Lane 2017 591. B,C,K,L \$20.51 S

920104 Mama Built A Little Nest. Illustrations and simple, rhyming text introduce different kinds of birds' nests, from the scrapes falcons build on high, craggy ledges to the underground nests burrowing owls dig. il. Jenkins, Steve. [IL 4-8] 34 pages Beach Lane 2014 598. B+,C,K,L,Q,W+ (AR) \$20.51 S,E

Waters, Kate

922430 Where The Buffalo Roam: Bison In America. A Smithsonian reader about the huge, horned, hairy mammal that was recently designated the national animal of the United States. il. [IL 6-8] 32 pages Penguin Young Readers 2017 599. \$12.02 S

Waxman, Laura Hamilton

567036 Life In A Wetland. Simple text and full-color photography introduce beginning readers to life in a wetland. il. [IL 5-8] 24 pages Bellwether Media 2016 577. L (AR/RC) \$19.79 S

567038 Life On A Mountain. Simple text and full-color photography introduce beginning readers to life on a mountain. il. [IL 5-8] 24 pages Bellwether Media 2016 577. L (AR/RC) \$19.79 S

924469 Ostriches: Fast Flightless Birds. This book covers information (life cycle, appearance, habitat) about the ostrich. Each chapter discusses an aspect of the ostrich's life, comparing the bird to a similar bird and to a very different bird. il. [IL 7-9] 32 pages Lerner 2016 598. L,Q (RC) \$26.58 S

924473 Toco Toucans: Big-Billed Tropical Birds. This book covers information (life cycle, appearance, habitat) about the toucan. Each chapter discusses an aspect of the toucan's life, comparing the bird to a similar bird and to a very different bird. il. [IL 7-9] 32 pages Lerner 2016 598. L,Q (RC) \$26.58 S

Wechsler, Doug

927918 Hidden Life Of The Toad. Jaw-dropping photos capture the life cycle of the American toad from egg to tadpole to adult. il. [IL 4-8] 48 pages Charlesbridge 2017 597. B+,K+,L,W (AR) \$20.51 S

Whiting, Sue (Susan Allana)

941539 Platypus. Follow a most unusual mammal as it leaves its home and travels through the night, hurrying, scurrying, always busy, always looking for a meal! il. Jackson, Mark. [IL 5-9] 29 pages Candlewick 2016 599. B,K,L,Q,W \$19.81 S

Williams, Lily

950730 If Sharks Disappeared. A nonfiction picture book tracing the repercussions of what would happen if sharks disappeared from our planet. il. [IL 4-10] 34 pages Roaring Brook 2017 597. K+,L,W \$20.51 S

Worthington, Niles

967276 Bird's Nest. From eagles to woodpeckers, this book illustrates the methods bird species use to construct places to lay their eggs and raise their chicks. il. [IL 5-8] 24 pages Cavendish Square 2017 598. (AR) \$14.33 S

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Aguilar, David A.

046444 Cosmic Catastrophes: Seven Ways To Destroy A Planet Like Earth. A lively exploration of seven cosmic catastrophes that could hit Earth and any of the other 20 billion Earth-like planets in our galaxy. il. [IL 8-12] 79 pages Viking 2016 520. **B,L,Q \$21.21 S**

046625 Seven Wonders Of The Solar System. Explores seven extraordinary celestial wonders, from our close neighbor Mars to mysterious Planet 9. il. [IL 10-14] 79 pages Viking 2017 523. **\$21.21 S**

Aloian, Sam

054529 How A Car Is Made. Explains how cars are made from the design phase in an engineer's office to the floor of a factory where it is assembled piece by piece by both people and machines. il. [IL 7-11] 24 pages Gareth Stevens 2016 629. **L (AR) \$14.30 T,E**

054531 How A Computer Is Made. Presents an inside look at laptops, desktops, and even tablets, as well as explains how these electronics are assembled. il. [IL 7-11] 24 pages Gareth Stevens 2016 004. **L (AR) \$14.30 T**

Amstutz, Lisa J.

057606 Discover Nanotechnology. Examine the science of nanotechnology with simple language and striking visuals that reinforce understanding. il. [IL 8-11] 40 pages Lerner 2017 620. (AR) **\$29.38 S,T**

Anders, Mason

057969 DNA, Genes, And Chromosomes. Learn how DNA and genes determine each unique trait of plants and animals by taking a close look at the make up and structure of DNA. il. [IL 7-11] 32 pages Capstone 2018 572. **\$21.30 S,T**

Arnold, Caroline

070350 Living Fossils: Clues To The Past. A look at how and why some animals haven't changed much since prehistoric times. il. Plant, Andrew. [IL 7-10] 32 pages Charlesbridge 2016 591. **B,K,L,Q,W (AR) \$19.79 S**

Aronin, Miriam

071063 Florida's Burmese Pythons: Squeezing The Everglades. In this book, readers learn how the Burmese Python is an invasive species in the state of Florida. il. [IL 8-11] 32 pages Bearport 2016 597. **B,Q \$21.89 S**

Aronson, Marc

071095 Griffin And The Dinosaur: How Adrienne Mayor Discovered A Fascinating Link Between Myth And Science. Presents Mayor's discovery of a new kind of science--geomythology--where experts match myths and fossils. il. Muller, Chris [IL 10-14] 48 pages National Geographic 2014 500. **B,CA,J,K,L,Q,W (AR/RC) \$21.21 S**

Avett, Harper

077200 Wild Boars. An introduction to wild boars, including diet, range, adaptations, life cycle, effects on the environment, and more. il. [IL 8-10] 24 pages PowerKids 2017 599. (AR) **\$24.44 S**

Bath, Louella

080958 Plants That Mimic. Learn about plants that have evolved to practice mimicry and how it's essential to their survival. il. [IL 8-11] 24 pages PowerKids 2017 581. (AR) **\$24.44 S**

Bedell, J. M. (Jane M.)

101990 So, You Want To Work With Animals?: Discover Fantastic Ways To Work With Animals, From Veterinary Science To Aquatic Biology. Explores what it takes to make working with animals a career, from veterinarian science, research, and conservation to training animals for service or even entertainment. il. [IL 8-12] 247 pages Aladdin 2017 636. **\$21.91 S,T**

Belton, Blair

107160 How Coal Is Formed. An introduction to coal, including the process that transforms organic remains into coal, coal mines, the carbon cycle, and more. il. [IL 8-12] 32 pages Gareth Stevens 2017 553. (AR) **\$15.27 S,T**

Benson, Pete

111408 Scratch. Helps children design computer games, animations, and interactive stories from the ground up and share them with people around the world. il. [IL 10-14] 32 pages Cherry Lake 2016 794. **B (AR) \$22.59 T**

Bernhardt, Carolyn

115082 Gila Monster: Venomous Desert Dweller. An introduction to the Gila monster, including habitat, life cycle, physical characteristics, diet, threats, defenses, and more. il. [IL 8-12] 32 pages Abdo 2017 597. (AR) **\$21.19 S**

Bers, Marina Umaschi

116752 Official ScratchJr Book: Help Your Kids Learn To Code! Thirty step-by-step activities with easy-to-follow directions helps kids develop computational thinking, problem-solving, and design skills. il. [IL 7-10] 143 pages No Starch 2016 005. **B \$21.89 T,E**

Bethea, Nikole Brooks

117246 Discover Bionics. An introduction to today's bionics, how they are extending, improving, and saving lives. il. [IL 8-11] 40 pages Lerner 2017 617. (AR) **\$29.38 S,T,E**

117286 Hoover Dam. An introduction to Hoover Dam, including how this massive engineering marvel was built, and much more. il. [IL 7-10] 24 pages Pogo 2018 627. **\$20.49 T,E**

117294 Power Plays: The Next 100 Years Of Energy. From solar-powered parking lots to algae biofuels, find out what types of power sources the people of the future may tap into. In graphic novel format. il. [IL 8-12] 32 pages Capstone 2017 621. **Q (AR) \$22.51 S,T,E**

Black, Vanessa

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123472 Ice Storms. Carefully leveled text and vibrant photographs help early fluent readers understand the science behind ice storms, as well as the damage they cause and how to stay safe in the event of one. il. [IL 7-10] 24 pages Pogo 2016 551. **B (AR) \$20.49 S**

Bodden, Valerie

129561 3-D Printers. Explore the history of printers, from punch cards, dot matrix, ink jet and laser all the way to today's 3-D printing! il. [IL 8-12] 32 pages Abdo 2018 621. **\$21.19 T,E**

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129484 Wearable Technology. Explore the history of wearable technology from the wristwatch to the Walkman to the eye-cam! il. [IL 8-12] 32 pages Abdo 2018 621. **\$21.19 T,E**

Bonner, Hannah

132462 Dining With Dinosaurs: A Tasty Guide To Mesozoic Munching. Meet the 'vores: carnivores, piscivores, herbivores, insectivores, "trashivores," "sunivores," and omnivores like us. Readers will be surprised and inspired to learn about dino diets and they'll get to explore how scientists can tell which dinosaurs ate what just from looking at fossils! il. [IL 7-10] 41 pages National Geographic 2016 567. **K+,L,Q (RC) \$21.21 S**

Brown, Jordan

158196 Science Stunts: Fun Feats Of Physics. Explore the world of physics with twenty-five entertaining and safe experiments to try at home. il. Owsley, Anthony. [IL 8-12] 79 pages Imagine 2016 530. **K,W \$19.79 S**

Brown, Martin

158097 Lesser Spotted Animals: The Coolest Creatures You've Never Heard Of. Puts the spotlight on the awesome beasts of the world that have yet to have their day in the limelight, from the numbat to the zorilla to the silvery gibbon. il. [IL 7-10] 52 pages David Fickling 2017 590. **B+,C,K+,L,W (AR/RC) \$21.21 S**

Bulion, Leslie

169922 Random Body Parts: Gross Anatomy Riddles In Verse. Of course you have a body, but do you have a clue where all the body parts you've got are found and what they do? You think you have a handle on your anatomy, but can you handle tricky

riddle poems? Come on--let's see. il. Lowery, Mike. [IL 8-12] 48 pages Peachtree 2015 611. B,K,L,Q,W (AR) \$18.39 S

Burgan, Michael

172893 Genetic Engineering: Science, Technology, Engineering. An introduction to genetics including the initial discovery of DNA to today's most incredible developments, what role genetics are likely to play in upcoming technology, and what it takes to make it in this fascinating field of science. il. [IL 10-13] 64 pages Children's 2016 660. L (AR) \$13.62 S,T,E

Burns, Kylie

175352 Bridge Goes Over. Learn about the steps in the engineering design process and see how different types of bridges suit different types of obstacles. il. [IL 7-10] 24 pages Crabtree 2017 624. \$14.20 T,E

Campbell, Sarah C.

184851 Mysterious Patterns: Finding Fractals In Nature. An introduction to the amazing and naturally repeating patterns called fractals. il. [IL 7-10] 30 pages Boyds Mills 2014 516. B,CA,K,L+,M,Q+,W+ (AR/RC) \$19.79 S,M

Castaldo, Nancy F. (Nancy Fusco)

198637 Sniffer Dogs: How Dogs (And Their Noses) Save The World. Readers will discover how detection dogs are able to use their noses to find everything from people, both alive and dead, to explosives to . . . whale poop. il. [IL 10-14] 154 pages Houghton 2014 636. B,C,K+,L,Q (AR) \$19.81 S

198684 Story Of Seeds: From Mendel's Garden To Your Plate, And How There's More Of Less To Eat Around The World. This book speaks to the current ways we think about our food, which crops farmers are allowed to grow, and what consumers are able to eat. il. [IL 12-16] 136 pages Houghton 2016 581. B+,K,M,Q+ (AR/RC) \$20.51 S

Cherrix, Amy E.

210107 Eye Of The Storm: NASA, Drones, And The Race To Crack The Hurricane Code. NASA scientists and pilots fly a Global Hawk drone right into the eye of a hurricane in order to learn more about how one of nature's deadliest killers works--and how we save lives when hurricanes hit. il. [IL 10-14] 73 pages Houghton 2017 551. B,K,L,M \$21.21 S,T

Chin, Jason

211483 Grand Canyon. Home to an astonishing variety of plants and animals that live within its walls, Grand Canyon is much more than just a hole in the ground and a father-daughter team discover life both present and past as they explore the vast canyon. il. [IL 7-12] 44 pages Roaring Brook 2017 557. B+,C+,L+ (AR) \$21.91 S

Christensen, Victoria G.

212241 How Batteries Work. Explore the exciting world of batteries, including battery parts, energy flow through a circuit, and how engineers discovered ways to store electricity. il. [IL 8-11] 40 pages Lerner 2017 621. Q (AR) \$29.38 S,T,E

Chung, Liz

214116 Controlling Invasive Species. Learn all about invasive species and the problems they can cause for plants and animals that are native to a habitat. il. [IL 8-10] 24 pages PowerKids 2017 578. \$24.44 S

Cole, Tayler

229355 Corpse Flowers Smell Nasty! An introduction to the corpse flower, including the purpose for the gross smell, life cycle, structure, and more. il. [IL 7-10] 24 pages Gareth Stevens 2017 584. B,L (AR) \$14.30 S

Collard, Sneed B.

230568 Insects: The Most Fun Bug Book Ever. A guide to many kinds of insects, detailing their habitats, defense systems, communication techniques, and mating rituals. il. [IL 9-12] 48 pages Charlesbridge 2017 595. B,K,L \$20.51 S

Connolly, Sean

235926 Book Of Massively Epic Engineering Disasters. The most infamous and dangerous disasters in the history of engineering come to life with 33 adrenaline-pumping physics experiments. il. [IL 9-13] 241 pages Workman 2017 620. K,W \$18.39 E

Cooper, Michael L.

241142 Fighting Fire!: Ten Of The Deadliest Fires In American History And How We Fought Them. Brings to life ten

of the deadliest infernos this nation has ever endured: the great fires of Boston, New York, Chicago, Baltimore, and San Francisco, the disasters of the Triangle Shirtwaist Factory, the General Slocum, and more. il. [IL 10-14] 215 pages Holt 2014 628. B,CA,J,K,L,M,Q (AR) \$21.91 T

Crewe, Sabrina

442887 Micromonsters In Your Home. An introduction to the tiniest organisms and alien-like creatures that make our houses a habitat they call home. il. [IL 8-12] 32 pages PowerKids 2017 579 (AR/RC) \$26.30 S

Cunningham, Kevin

253217 Toys: From Concept To Consumer. Find out what it takes to create the next big thing at the toy store. il. [IL 10-13] 64 pages Children's 2014 688. B,L (AR) \$14.25 T,E

Duke, Shirley Smith

294242 Skyscrapers And Towers. Learn all about famous skyscrapers and towers around the world and why they are considered engineering wonders! il. [IL 8-12] 48 pages Rourke 2016 720. B (AR) \$15.20 E

Eamer, Claire

299766 Inside Your Insides: A Guide To The Microbes That Call You Home. Introduces readers to a positive--and scientifically accurate--way of understanding microbes and our relationship with them. il. Tremblay, Marie-Eve. [IL 8-12] 36 pages Kids Can 2016 579. B,K,L+,Q \$20.49 S

Einhorn, Edward (Edward Arthur)

304537 Fractions In Disguise. When a valuable fraction goes missing, George Cornelius Factor vows to track it down. Equal parts of action and humor add up to an entertaining introduction to simplifying fractions. il. Clark, David. [IL 7-10] 32 pages Charlesbridge 2014 513. B,K+,L,Q (AR) \$13.40 M

Farndon, John

325192 Tiny Killers. From early ideas about what made people sick to modern understanding of the tiny but powerful bacteria all around us, read this book to learn all about the history of the science of what makes us sick. il. Dean, Venitia. [IL 8-12] 32 pages Hungry Tomato 2017 616. L (RC) \$26.58 S

Faust, Daniel R.

325987 Building Computers: Computer Engineers. Learn how engineers design and construct the computer hardware people use everyday. il. [IL 9-12] 32 pages PowerKids 2016 004. L (AR) \$26.30 T

325990 Building Robots: Robotic Engineers. Learn about career opportunities in the field of robotic engineering. il. [IL 9-12] 32 pages PowerKids 2016 629. L (AR) \$26.30 T,E

326001 Civilian Drones. An introduction to civilian drones, including the history, how they work, how they're used, and more. il. [IL 9-12] 32 pages PowerKids 2016 623. L (AR) \$26.30 T

326015 Flying Robots. Introduces readers to the history and future of flying robots. il. [IL 9-12] 32 pages PowerKids 2017 629. (AR) \$26.30 T

326026 Police Drones. An introduction to police drones, including the history, how they are used to assist in law-enforcement, and more. il. [IL 9-12] 32 pages PowerKids 2016 363. L (AR) \$26.30 T

326032 Underwater Robots. Introduces readers to the history and future of underwater robots. il. [IL 9-12] 32 pages PowerKids 2017 623. \$26.30 T

Felix, Rebecca

328404 12 Things To Know About Fracking. Explores twelve things to know about fracking, including amazing facts about key players and technologies. il. [IL 8-12] 32 pages Amicus 2015 622. B,L (AR) \$27.87 T

Franchino, Vicky

350851 Animal Brainiacs. Discover which animal species have the best memories, which ones are the best at solving problems, and how these creatures use their remarkable intelligence to thrive in the wild. il. [IL 8-10] 48 pages Children's 2016 591. B (AR) \$13.35 S

Frydenborg, Kay

361180 Chocolate: Sweet Science And Dark Secrets Of The World's Favorite Treat. An engrossing account for teen readers



that captures the history, science, and economic and cultural implications of the harvesting of cacao and creation of chocolate. il. [IL 12-16] 252 pages Houghton 2015 641. **B,CA,K,L+,Q,W** (AR/RC) **\$21.21 S**

Gagne, Tammy

363836 Women In Computer Science. An introduction to the computer scientists who code the programs that we use every day on our computers, tablets, and smartphones, and the difference they are making in this field. il. [IL 9-12] 48 pages Abdo 2017 004. (AR) **\$23.99 S,T,E**

363839 Women In Engineering. An introduction to the female engineers hard at work designing the technology and infrastructure of our modern world. il. [IL 9-12] 48 pages Abdo 2017 620. (AR) **\$23.99 T,E**

Gardner, Robert

366742 Kid's Book Of Experiments With Stars. Details science experiments about the stars with explanations. il. [IL 8-12] 48 pages Enslow Elementary 2016 520. **L \$16.11 S**

366743 Kid's Book Of Experiments With Time. Discover the intricacies of time, including how it is measured, how it affects everyday life, and more. il. [IL 8-12] 48 pages Enslow Elementary 2016 529. **L \$16.11 S,M**

Gilby, Nancy Benovich

379119 FIRST Robotics. Makers of all ages are using LEGO bricks to create robots. In this book, students learn more about this recent innovation through detailed explanations built to foster creativity and critical thinking. il. [IL 10-14] 32 pages Cherry Lake 2016 629. **B** (AR) **\$22.59 T,E**

Gish, Melissa

380696 Armadillos. A look at armadillos, including their habitats, physical characteristics such as their armored bodies, behaviors, relationships with humans, and threatened status of some species in the world today. il. [IL 10-14] 48 pages Creative Education 2017 599. **B,L** (AR) **\$27.49 S**

378481 Manatees. A look at manatees, including their habitats, physical characteristics such as their unique respiratory system, behaviors, relationships with humans, and the protected status of these intelligent creatures in the world today. il. [IL 10-14] 46 pages Creative Education 2017 599. **B,L** (AR) **\$26.79 S**

380695 Ostriches. A look at ostriches, including their habitats, physical characteristics such as their long and powerful legs, behaviors, relationships with humans, and their herd hierarchy in the world today. il. [IL 10-14] 46 pages Creative Education 2017 598. **L** (AR) **\$26.79 S**

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380693 Sloths. A look at sloths, including their habitats, physical characteristics such as their long claws, behaviors, relationships with humans, and their growing popularity in the world today. il. [IL 10-14] 46 pages Creative Education 2017 599. **B,L** (AR) **\$26.79 S**

Gitlin, Marty

605588 Nanomedicine. With nanotechnology, doctors can use tiny electronic devices and sensors to create innovative new treatments for their patients. il. [IL 9-14] 32 pages Cherry Lake 2018 610. **\$22.59 S,T**

380738 Wearable Electronics. From the Fitbit to the Apple Watch, wearable electronics have taken the world by storm. With this book students will learn about the past, present, and future of technological innovation. il. [IL 9-14] 32 pages Cherry Lake 2018 621. **\$22.59 S,T**

Goldstone, Lawrence

384806 Higher, Steeper, Faster: The Daredevils Who Conquered The Skies. The pioneers of early flight performed death-defying feats and broke new technological ground as they took to the skies to thrill crowds and advance the boundaries of human innovation. il. [IL 8-12] 243 pages Little 2017 629. **B,C,K+,L** (AR/RC) **\$21.21 T,E**

Green, Jen

395827 Big Fantastic Earth. Explore the highest peak of Mount Kilimanjaro to the deep grooves of the Grand Canyon, and discover how the incredible landscapes around the world were formed. Discover the earth's most amazing natural wonders. il. [IL 8-12] 96 pages DK Publishing 2016 550. **L,Q** (AR) **\$11.82 S**

Green, Sara

397015 Transformers. An introduction to Transformers, including their special ability to alter their form for battle, a fascinating backstory, how the brand has changed over the years, and more. il. [IL 8-12] 24 pages Bellwether Media 2017 688. **B** (AR) **\$21.89 T,E**

Greer, Eileen

400579 Plate Tectonics. Earth's surface is broken up into numerous big pieces called plates. Believe it or not, these plates are constantly on the move. Readers will learn about how Earth's plates move and what happens when they collide. il. [IL 9-13] 24 pages PowerKids 2017 551. **L** (AR) **\$26.30 S**

Gregory, Josh

400992 Anacondas. This book details the life and habits of anacondas. il. [IL 8-10] 48 pages Children's 2016 597. **L** (AR) **\$12.86 S**

401070 Hummingbirds. An introduction to hummingbirds, including distinct characteristics, how they survive in the wild, raise their young, are related to other species, and more. il. [IL 8-10] 48 pages Children's 2017 598. (AR) **\$13.35 S**

401104 Koalas. This book details the life and habits of koalas. il. [IL 8-10] 48 pages Children's 2016 599. **L** (AR) **\$12.86 S**

401115 Rats. The book details the life and habits of rats. il. [IL 8-10] 48 pages Children's 2016 599. **L** (AR) **\$12.86 S**

Haelle, Tara

409864 Insects As Predators. Insects may be small, but many are ferocious hunters. Some hide and wait to pounce on their prey. Others chase their meal down. Many tear apart their catch with powerful jaws or paralyze it with venom. What is your favorite predator? il. [IL 9-12] 32 pages Rourke 2017 595. **\$15.20 S**

Hague, Bradley

410477 Rise Of The Lioness: Restoring A Habitat And Its Pride On The Liuwa Plains. In West Zambia witness the last lioness, Lady, and her fight for survival in this evocative narrative on the decline, fall, and rebirth of the Liuwa Plains. il. [IL 8-12] 56 pages National Geographic 2016 599. **L,Q** **\$21.21 S**

Harris, Patricia

421846 Understanding Coding With Lego Mindstorms. An introduction to Lego Mindstorms which allows users to familiarize themselves with manipulating and customizing computer hardware and software. il. [IL 9-13] 24 pages PowerKids 2016 629. **L** **\$26.30 T**

421847 Understanding Coding With Minecraft. An introduction to Minecraft which allows users to practice STEM skills while having fun. il. [IL 9-13] 24 pages PowerKids 2016 794. **L** **\$26.30 T**

Hayes, Amy

429227 Building Bridges And Roads: Civil Engineers. An introduction to the field of civil engineering, from designing bridges and roads, to constructing buildings and dams, and more. il. [IL 9-12] 32 pages PowerKids 2016 624. **L** (AR) **\$26.30 T,E**

429287 How A Plane Is Made. Takes readers inside the hangars where bolts and metal are turned into winged creations ready to take people all around the world. il. [IL 7-11] 24 pages Gareth Stevens 2016 629. **L** (AR) **\$14.30 T,E**

Henzel, Cynthia Kennedy

439991 Inventing The Internet. Presents the story of the Internet's invention, including why there was a need for it, its design and testing, the science behind it, and its lasting impact. il. [IL 8-12] 24 pages Child's World 2016 004. **L,Q** (AR) **\$21.49 T**

Heos, Bridget

439954 Blood, Bullets, And Bones: The Story Of Forensic Science From Sherlock Holmes To DNA. A history of modern forensic science from the first test for arsenic poisoning in the 1700s to criminal profiling, fingerprinting, blood splatter analysis, DNA evidence, and all the milestones in between. il. [IL 8-12] 264 pages Harper 2016 363. **B,C,K,L+,M,Q+** (AR/RC) **\$21.21 S,T**

Hicks, Dwayne

443172 Plants That Poison. Explores the deadly plants among us, and equips readers with the tools they need to identify them. il. [IL 8-11] 24 pages PowerKids 2017 581. (AR) \$24.44 S

Hirsch, Rebecca E.

446803 Birds Vs. Blades?: Offshore Wind Power And The Race To Protect Seabirds. Find out how scientists are working to ensure clean, renewable offshore wind power to avoid disaster for the millions of seabirds that play a critical role in the ocean food web. il. [IL 10-14] 48 pages Millbrook 2017 578. B,K,L,Q (AR/RC) \$31.24 S,T

446816 Galapagos Tortoises: Long-Lived Giant Reptiles. An introduction to the Galapagos tortoise, including their appearance, behavior, habitat, and life cycle--compared to similar and different reptiles, and more. il. [IL 8-10] 32 pages Lerner 2016 597. L,Q (AR) \$26.58 S

446842 Plants Can't Sit Still. Discover the many ways plants (and their seeds) move. il. Posada, Mia. [IL 7-10] 33 pages Millbrook 2016 580. B+,K+,L \$21.91 S

446845 Trap-Door Spiders And Other Amazing Predators. An introduction to trap-door spiders, including unique hunting tactics, and more. il. [IL 8-11] 40 pages Lerner 2017 591. (AR/RC) \$29.38 S

446846 Tuataras: Dinosaur-Era Reptiles. An introduction to tuataras, including appearance, behavior, habitat, and life cycle--compared to similar and different reptiles, and more. il. [IL 8-10] 32 pages Lerner 2016 597. L,Q (AR) \$26.58 S

Hixon, Rena

447588 Mindstorms: Level 1. Learn the basics of Mindstorms, from building your first robot to programming its first movements. il. [IL 9-13] 32 pages Cherry Lake 2016 629. L \$22.59 S,T

447594 Mindstorms: Level 2. Find out how to use the Mindstorms brick and display, and learn how to have a robot tell light from dark and to sense touch. il. [IL 9-13] 32 pages Cherry Lake 2016 629. L \$22.59 S,T

447597 Mindstorms: Level 3. Find out how to use the Mindstorms brick and display, and learn how a robot can tell light from dark and sense touch. il. [IL 9-13] 32 pages Cherry Lake 2016 629. L \$22.59 S,T

447598 Mindstorms: Level 4. Explore advanced techniques in Mindstorms, from programming a series of movements to collecting and analyzing robot data. il. [IL 9-13] 32 pages Cherry Lake 2016 629. L \$22.59 S,T

Hoena, B. A.

450943 Everything Dinosaurs. Explore the fascinating world of dinosaurs, meeting prehistoric creatures as tall as houses, and others that were as tiny as chickens. il. [IL 9-13] 63 pages National Geographic 2014 567. B,L,Q (AR) \$17.01 S

Huggett, Audrey

469696 Solar Energy Projects. Learn how the sun's rays can be captured and used as a source of energy with a variety of fun projects. il. [IL 10-14] 32 pages Cherry Lake 2017 621. \$22.59 S

Hunt, Shannon (Shannon Chantal)

471590 Engineered!: Engineering Design At Work. Here are nine real-life problems for which engineers designed inventive (and even crazy!) solutions. il. Hancock, James Gulliver. [IL 8-12] 48 pages Kids Can 2017 620. K+ \$20.51 T,E

Hustad, Douglas

474659 Discover Drones. An introduction to drones, including the types of drones in use today and how drones will change the world in years to come. il. [IL 8-11] 40 pages Lerner 2017 623. (AR) \$29.38 T,E

Idzikowski, Lisa

478146 Computer Science In The Real World. An introduction to computer science, including the history, how they've changed throughout the years, current and future careers, and more. il. [IL 8-12] 48 pages Abdo 2016 004. L,Q (AR) \$23.99 T

Jankowski, Matthew

489137 Attack Of The Burmese Pythons. An introduction to Burmese pythons, including their invasion of Florida, harm to the environment, modern ways conservation groups are trying to stop

their spread, and more. il. [IL 7-10] 24 pages Gareth Stevens 2017 597. (AR) \$14.30 S

Jarrow, Gail

489956 Bubonic Panic: When Plague Invaded America. Spotlights the public health doctors who struggled to end the first plague epidemic in the United States; the political leaders who tried to keep it hidden; and the courageous scientists who, by uncovering the disease's secrets, found a way to fight it. il. [IL 10-18] 197 pages Calkins Creek 2016 614. C,K+,L,M,Q+,W+ (AR/RC) \$21.19 S,T

489958 Fatal Fever: Tracking Down Typhoid Mary. The true story of the woman who unwittingly spread deadly bacteria, the epidemiologist who discovered her trail of infection, and the health department that decided her fate. il. [IL 10-14] 175 pages Calkins Creek 2015 614. B+,C,K+,L+,M,Q+,W+ (AR/RC) \$19.79 S

Jeffrey, Gary

490610 Giant Sloth: Megatherium. Provides a revealing look at the prehistoric Giant Sloth through a fictional graphic novel story, accompanied by nonfiction facts and fossil record information. il. Poluzzi, Alessandro. [IL 9-13] 24 pages Smart Apple 2017 569. L \$23.29 S

490497 Mega Shark: Megalodon. Provides a revealing look at the prehistoric Mega Shark through a fictional graphic novel story, accompanied by nonfiction facts and fossil record information. il. Poluzzi, Alessandro. [IL 9-13] 24 pages Smart Apple 2017 567. L \$23.29 S

490498 Sabertooth Tiger: Smilodon. Provides a revealing look at the Sabertooth Tiger through a fictional graphic novel story, accompanied by nonfiction facts and fossil record information. il. Poluzzi, Alessandro. [IL 9-13] 24 pages Smart Apple 2017 569 L \$23.29 S

Jenkins, Martin

490821 Exploring Space: From Galileo To The Mars Rover And Beyond. The enthralling story of how we made the great leap into space and what we've discovered there. il. Biesty, Stephen. [IL 8-12] 59 pages Candlewick 2017 520. B+,C,K,L,W \$20.51 S,T

Johnson, Rebecca L.

495333 Masters Of Disguise: Amazing Animal Tricksters. Some animals rely on amazingly clever deceptions to survive. An introduction to some of nature's most bizarre and bloodthirsty con artists. il. [IL 10-14] 48 pages Millbrook 2016 591. K+,L,Q (AR/RC) \$30.31 S

496951 When Lunch Fights Back: Wickedly Clever Animal Defenses. An introduction to living things with some of the strangest defenses known to science: termites that blow themselves up to save the colony; fish that produce copious amounts of gooey, slippery slime; lizards that run on water; and more. il. [IL 10-14] 48 pages Millbrook 2015 591. B,C,J,K+,L,Q (AR/RC) \$28.44 S

Jones, Keisha

499269 Plants That Eat. Learn about Venus fly traps, pitcher plants, and more, as well as the mechanisms that allow them to eat animals and insects whole, and more. il. [IL 8-11] 24 pages PowerKids 2017 583. (AR) \$24.44 S

Juettner Fernandes, Bonnie

503830 Large Hadron Collider. Describes the struggles and accomplishments in building the Hadron Super Collider, the tool that scientists use to understand how the universe first began. il. [IL 8-11] 48 pages Norwood House 2014 539. B,L,Q (AR) \$21.89 S,T,E

Kamkwamba, William

506366 Boy Who Harnessed The Wind. A novel about the inspiring true story of a Malawi teenager who brought electricity to his struggling village. il. [IL 10-14] 293 pages Dial 2015 621-B. B,K+,L+,M,Q+ (AR/RC) \$19.81 S,T

Keppeler, Jill

514899 How Gems Are Formed. An introduction to gems, including the remarkable processes that take place under the surface of the Earth to form different kinds of gems, and more. il. [IL 8-12] 32 pages Gareth Stevens 2017 553. (AR) \$15.27 S

Koontz, Robin Michal

529852 Science Of A Sinkhole. Discusses the science behind sinkholes, including historical sinkholes, environmental factors that

cause them, how scientists respond to them, and more. il. [IL 9-12] 32 pages Cherry Lake 2016 551. B (AR) \$22.59 S

529851 Science Of A Tsunami. Discusses the science behind tsunamis, including the destruction, their aftermath, why they occur, scientists efforts to predict these disasters, and more. il. [IL 9-12] 32 pages Cherry Lake 2016 551. B (AR) \$22.59 S

Kopp, Megan

529884 Language Of Chimpanzees And Other Primates. Explains how chimpanzees, orangutans, gorillas, and howler monkeys share and receive information to survive in the wild, including human-primate communication, and more. il. [IL 8-11] 32 pages Cavendish Square 2017 599. (AR) \$15.33 S

529883 Language Of Dolphins And Other Sea Animals. Explains how and why dolphins, whales, sea lions, and sharks communicate in the wild, what these different signals mean, how humans study the language of ocean animals, and more. il. [IL 8-11] 32 pages Cavendish Square 2017 591. (AR) \$15.33 S

529886 Language Of Elephants And Other Large Mammals. Explains how large animals communicate, giraffes neck, elephants wag their ears, hippopotamuses bellow, how humans have decoded the language of elephants, and more. il. [IL 8-11] 32 pages Cavendish Square 2017 591. (AR) \$15.33 S

Labrecque, Ellen

536423 Stephanie Kwolek And Bulletproof Material. Examines the life of this important woman and her contributions to the development of bulletproof material. il. [IL 7-10] 24 pages Cherry Lake 2017 677-B. L (AR) \$21.19 S,T

536434 Yvonne Brill And Satellite Propulsion. Examines the life of this important woman and her contributions to rocket science. il. [IL 7-10] 24 pages Cherry Lake 2017 629-B. L (AR) \$21.19 S,T,E

Lakin, Patricia

537664 Bicycles. Learn how bicycle frames are made by hand! Profiles bicycle maker Aaron Dykstra of Roanoke, VA. il. [IL 8-12] 32 pages Aladdin 2017 629. B,L \$20.51 T,E

Larson, Kirsten W.

544024 Zombies In Nature. This photo-illustrated book for elementary readers describes animals that seem to take over the brains of other animals. Explains how parasites can alter their hosts' behaviors to use the host for their survival. il. [IL 7-10] 32 pages Amicus 2016 577. B,Q (AR) \$21.89 S

Lawlor, Laurie

550615 Super Women: Six Scientists Who Changed The World. Profiles six amazing women who defied prejudice to succeed in the sciences using genius, ambition, and perseverance! il. [IL 8-12] 57 pages Holiday House 2017 509. B+,K \$20.49 S

Levy, Janey

567610 Really Strange Birds. An introduction to the world's oddest birds, including birds of paradise, frigate birds, pelicans, vampire finches, the great grey shrike, and more. il. [IL 10-13] 32 pages PowerKids 2017 598. L (AR) \$26.30 S

567612 Really Strange Mammals. An introduction to the world's oddest mammals around, including the naked mole rat, tarsiers, platypuses, and more. il. [IL 10-13] 32 pages PowerKids 2017 599. L (AR) \$26.30 S

Lindeen, Mary

574374 Dancing Bees And Other Amazing Communicators. A high-interest look at how a variety of animals communicate with one another, from clicks and rumblings to dancing and plumage displays. il. [IL 8-11] 40 pages Lerner 2017 591. B (AR/RC) \$29.38 S

574378 Frozen Frogs And Other Amazing Hibernators. An introduction to frogs that survive by hibernating, including how they slow down their heart rates, curl up tight, or even freeze themselves, and more. il. [IL 8-11] 40 pages Lerner 2017 591. (AR/RC) \$29.38 S

Lusted, Marcia Amidon

590869 Tasmanian Devil: Savage Island Scavenger. An introduction to the Tasmanian Devil, including habitat, life cycle, physical characteristics, diet, threats, defenses, and more. il. [IL 8-12] 32 pages Abdo 2017 599. (AR) \$21.19 S

MacCarald, Clara

592042 Invention Of The Atomic Bomb. Presents a behind-the-scenes look at the invention of the atomic bomb. il. [IL 8-12] 32 pages Child's World 2017 623. L (AR) \$21.89 T,E

592109 Invention Of The Transistor. Presents a behind-the-scenes look at the invention of the transistor. il. [IL 8-12] 32 pages Child's World 2017 621. L (AR) \$21.89 T,E

Machajewski, Sarah

593950 Freaky Science Discoveries. Takes readers on a jaw-dropping journey through some of history's wildest scientific revelations. il. [IL 9-12] 32 pages Gareth Stevens 2016 509. B (AR) \$15.27 S

Macy, Sue

595688 Motor Girls: How Women Took The Wheel And Drove Boldly Into The Twentieth Century. The daring women--Motor Girls, as they were called at the turn of the century--who got behind the wheel of the first cars and paved the way for change. il. [IL 10-14] 96 pages National Geographic 2017 629-C. B+,C,K,L+,W (AR/RC) \$21.21 T,E

Mahoney, Emily Jankowski

596871 Attack Of The Killer Bees. An introduction to killer bees, including how serious a threat this invasive species is, the ecosystem balance, food chains, conservation, and more. il. [IL 7-10] 24 pages Gareth Stevens 2017 595. (AR) \$14.30 S

Mangor, Jodie

599758 Inventing The Cell Phone. Presents the story of the cell phone's invention, including why there is a need for it, its design and testing, the science behind it, and its lasting impact. il. [IL 8-12] 24 pages Child's World 2016 621. L,Q (AR) \$21.49 T

Mara, Wil

602853 Robotics: From Concept To Consumer. Learn about the history of robotics and find out what it takes to make it in this exciting career field. il. [IL 10-13] 64 pages Children's 2015 629. B,L (AR) \$14.25 T,E

602866 Software Development: Science, Technology, Engineering. Learn about the history of software development and find out what it takes to make it in this exciting career field. il. [IL 10-13] 64 pages Children's 2016 005. L (AR) \$13.62 T,E

Marcovitz, Hal

602922 3-D Printing. Describes the invention and development of 3-D Printing. il. [IL 8-11] 48 pages Norwood House 2017 621. Q \$21.89 T,E

Markle, Sandra

603758 Case Of The Vanishing Honeybees: A Scientific Mystery. Honeybees are disappearing every year and no one knows why. In this real-life science mystery, scientists and beekeepers try to find the answers before it's too late. il. [IL 9-13] 48 pages Millbrook 2014 595. B,C,J,K,L,Q (AR/RC) \$29.38 S,T

603757 Case Of The Vanishing Little Brown Bats: A Scientific Mystery. In this real-life science mystery, readers will follow scientific teams studying why little brown bats are disappearing. il. [IL 10-14] 48 pages Millbrook 2015 599. B,C,K,L,Q (AR/RC) \$29.38 S

603832 Great Leopard Rescue: Saving The Amur Leopards. Amur leopards are the rarest big cats in the world. But thanks to scientists' new, innovative efforts to study them and breed a reserve population, these majestic cats have a chance to come back. il. [IL 10-14] 48 pages Millbrook 2017 599. B,C,K+,L,Q (AR/RC) \$29.38 S

603831 Great Monkey Rescue: Saving The Golden Lion Tamarins. A look at the plight of the golden lion tamarin for children. il. [IL 10-13] 40 pages Millbrook 2016 639. B,K+,L,Q (AR/RC) \$29.38 S

Marquardt, Meg

604382 Bioengineering In The Real World. An introduction to bioengineering, including past breakthroughs and inventions, careers in the field, what the future holds, what students should study in school, and more. il. [IL 8-12] 48 pages Abdo 2016 660. L,Q \$23.99 T,E

604415 Science Of A Nuclear Plant Explosion. Discusses the science behind nuclear plant explosions, including case studies,

causes and effects, how to prevent these disasters, and more. il. [IL 9-12] 32 pages Cherry Lake 2016 363. B (AR) \$22.59 S,T

Marsico, Katie

605530 Drones. Learn all about unmanned aircraft, or drones, including how they were invented and improved over time, what they are used for today, and why they have sometimes caused controversy. il. [IL 8-10] 48 pages Children's 2016 623. B,L (AR) \$12.86 T,E

Mason, Jenny

611168 Space Race. Explains the space race between the United States and the Soviet Union, including how the technology developed, who developed it, tragedies and triumphs, the advances of space travel today, the possibility of colonization in outer space, and more. il. [IL 9-12] 48 pages Gareth Stevens 2018 629. \$17.76 T

Mattern, Joanne

613284 Bridges. An introduction to bridges, including the different types, civilizations and people who engineered and risked their lives to construct them, advances in bridge building that have made them safe and effective ways to keep us moving, and more. il. [IL 8-12] 48 pages Rourke 2016 624. B (AR) \$15.20 E

McCarthy, Cecilia Pinto

184402 Engineering The NYC Subway System. An introduction to the NYC Subway System, including how designers drew up plans for the subway, how workers built the underground system in one of the world's busiest cities, how commuters still rely on its hundreds of trains today, and more. il. [IL 9-12] 48 pages Abdo 2018 625. \$23.99 T,E

McCarthy, Colin

618530 Reptile. Get up close and personal with all kinds of reptiles from the start of life inside an egg to hunting skills and survival techniques. il. [IL 8-12] 72 pages DK 2017 597. \$14.22 S

McKinney, Devon

628057 Day At Work With A Software Developer. Presents readers with a close look at what it's like to work as a software developer, including how they develop computer programs, applications, and more. il. [IL 8-12] 24 pages PowerKids 2016 005. K \$24.44 T

Montgomery, Sy

652293 Amazon Adventure: How Tiny Fish Are Saving The World's Largest Rainforest. Part science, part carnival--this winding adventure down the Amazon River with award-winning author Sy Montgomery and photographer Keith Ellenbogen explores how tiny fish, called piabas, can help preserve not only the rainforest and it's often misunderstood inhabitants, but the fate of our entire environment. il. Ellenbogen, Keith A. [IL 10-14] 65 pages Houghton 2017 577. B+,C,M \$21.21 S

652312 Chasing Cheetahs: The Race To Save Africa's Fastest Cats. A first-hand account of the efforts by the Cheetah Conservation Fund in Namibia to save the world's fastest--and Africa's most endangered--land animal: the cheetah. il. Bishop, Nic [IL 10-14] 69 pages Houghton 2014 599. B,C,K+,L+,M,Q+ (AR/RC) \$21.21 S,T

Mooney, Carla

655165 Wearable Robots. Describes the invention and development of wearable robots. Explores the technological challenges of development and the advances made. il. [IL 8-11] 48 pages Norwood House 2017 617. Q (AR) \$21.89 T,E

Mound, L. A. (Laurence Alfred)

662512 Insects. Learn about the anatomy, behavior, habitats, and classification of the billions of insects on Earth. il. [IL 8-12] 72 pages DK Publishing 2017 595. (AR) \$14.22 S

Newman, Lauren

675227 Self-Driving Cars. Learn all about the history of self-driving cars and find out how this exciting new technology could change the world. il. [IL 9-14] 32 pages Cherry Lake 2018 629. \$22.59 T,E

Newquist, H. P. (Harvey P.)

675318 From Here To There: The Story Of How We Transport Ourselves And Everything Else. A history of transportation from primitive technology to driverless cars. il. [IL 10-14] 123 pages Viking 2017 629. \$21.21 T,E

Nippert-Eng, Christena E.

677272 Gorillas Up Close. A beautifully photographed look at the lives of gorillas. il. [IL 8-12] 176 pages Holt 2016 599. B+,Q (RC) \$21.91 S

Niver, Heather Moore

677352 Badgers After Dark. Describes the behavior and habitat of badgers. il. [IL 8-11] 32 pages Enslow Elementary 2016 599. L (AR) \$15.28 S

677353 Coyotes After Dark. Describes the habits and nature of coyotes at night. il. [IL 8-11] 32 pages Enslow Elementary 2016 599. L (AR) \$15.28 S

677354 Opossums After Dark. Describes the life of opossums including their habits, diet, and behavior. il. [IL 8-11] 32 pages Enslow Elementary 2016 599. L (AR) \$15.28 S

?677356 Vampire Bats After Dark. An introduction to the unique vampire bat, the only known mammal in the world that feeds exclusively on blood. il. [IL 8-11] 32 pages Enslow Elementary 2017 599. \$15.28 S

Otfinoski, Steven

694125 Air Travel: Science, Technology, Engineering. Learn about the history of air travel and find out what it takes to make it in this exciting career field. il. [IL 10-13] 64 pages Children's 2015 629. B,L (AR) \$14.25 S,T,E

694144 Drones: Science, Technology, Engineering. Learn about the history of drones and find out what it takes to make it in this exciting career field. il. [IL 10-13] 64 pages Children's 2017 623. B (AR) \$14.25 S,T,E

694106 Making Robots: Science, Technology, Engineering. Learn about the history of robotics and find out what it takes to make it in this exciting career field. il. [IL 10-13] 64 pages Children's 2017 629. B (AR) \$14.25 S,T,E

694145 3D Printing: Science, Technology, Engineering. Learn about the history of 3D printing and find out what it takes to make it in this exciting career field. il. [IL 10-13] 64 pages Children's 2017 621. B (AR) \$14.25 S,T,E

Owen, Ruth

694776 Inventors: Designing And Creating Tomorrow's World. Every day, inventors are creating new products and technologies that help us learn, live, work, have fun, and take care of our planet. il. [IL 8-11] 32 pages Ruby Tuesday 2017 609. L (AR) \$21.89 S,T

694775 Master Blasters: Working With Explosives In Demolition And Construction. All about engineers who use precisely placed explosives to blast new subway tunnels under cities and demolish skyscrapers, towers, and bridges. il. [IL 8-11] 32 pages Ruby Tuesday 2017 662. L (AR) \$21.89 T,E

Petersen, Christine

710931 Inventing The Hybrid Car. Presents the story of the hybrid car's invention, including why there is a need for it, its design and testing, the science behind it, and its lasting impact. il. [IL 8-12] 24 pages Child's World 2016 629. L,Q (AR) \$21.49 T

Ponka, Katherine

705029 Bird Watcher's Guide To Blue Jays. Presents a wealth of information about the backyard life of a blue jay. il. [IL 7-11] 32 pages Gareth Stevens 2016 598. L (AR) \$15.27 S

Pringle, Laurence

733541 Owls! An accessible and comprehensive introduction to owl species from all over the world. il. Henderson, Meryl. [IL 8-11] 32 pages Boyds Mills 2016 598. B,L,Q,W (AR) \$19.79 S

Probst, Jeff

733724 Extreme Weather. From tornadoes and volcanoes to tsunamis and monsoons and everything in between, find out all the fascinating facts about the weather we experience every day. il. [IL 8-12] 160 pages Puffin 2017 551. \$14.72 S

733719 Remarkable Plants. From the biggest trees to the deadliest fungus and everything in between, find out all the fascinating facts about the plants that surround us. il. [IL 8-12] 159 pages Puffin 2017 580. \$14.72 S

Puri, Devi

735230 Plants That Hide. Explains why some plants must hide

in order to survive, which fits into a larger discussion of plant life cycles and behavior, and more. il. [IL 8-11] 24 pages PowerKids 2017 581. (AR) **\$24.44 S**

Rajczak Nelson, Kristen

670501 How Oil Is Formed. An introduction to oil, including the important processes of this fossil fuel, from its origin and formation to its extraction and refining, and more. il. [IL 8-12] 32 pages Gareth Stevens 2017 553. (AR) **\$15.27 S**

Rake, Matthew

738153 Dawn Of Planet Earth. Join your friendly prehistoric fish-guide on an adventure through the Precambrian, Devonian, Carboniferous, and Permian chapters of the incredible story of evolution. il. Minister, Peter. [IL 10-14] 31 pages Hungry Tomato 2016 576. K,Q (AR) **\$26.58 S**

Reeves, Diane Lindsey

744779 Find Your Future In Engineering. Introduces eight high-interest engineering careers. il. [IL 9-12] 32 pages Cherry Lake 2017 620. **\$22.59 E**

744781 Find Your Future In Science. Introduces eight high-interest science careers. il. [IL 9-12] 32 pages Cherry Lake 2017 502. **\$22.59 S**

744787 Find Your Future In Technology. Introduces eight high-interest technology careers. il. [IL 9-12] 32 pages Cherry Lake 2017 602. **\$22.59 T**

Roby, Cynthia

761057 Building Aircraft And Spacecraft: Aerospace Engineers. An introduction to aerospace engineers, from aeronautical and astronautical, to the different jobs and tasks that make up this important career, and more. il. [IL 9-12] 32 pages PowerKids 2016 629. L (AR) **\$26.30 T,E**

Rohan, Rebecca Carey

762302 Bird Watcher's Guide To Robins. Presents a wealth of information about the backyard life of a robin. il. [IL 7-11] 32 pages Gareth Stevens 2016 598. L (AR) **\$15.27 S**

Roker, Al

867528 Al Roker's Extreme Weather. Today Show co-host Al Roker covers a wide range of weather events and topics, including what triggers various weather occurrences. il. [IL 8-12] 48 pages Harper 2017 551. **\$19.81 S**

Roland, James

762640 How LEDs Work. This book will explain how light-emitting diodes (LEDs) work and what products they are used in, as well as comparing LEDs with traditional incandescent and fluorescent light bulbs. il. [IL 8-11] 40 pages Lerner 2017 621. B,Q (AR) **\$29.38 S,T**

Rosen, Michael J.

764422 Mind-Boggling Numbers. This book presents a series of goofy questions that will help kids understand various mind-boggling math concepts. il. Patton, Julia. [IL 7-11] 32 pages Millbrook 2016 510. K,Q **\$21.91 M**

Roth, Susan L.

767477 Prairie Dog Song: The Key To Saving North America's Grasslands. Cumulative text based on an old folksong alternating with additional scientific information explores the role of prairie dogs, a keystone species in North America's grasslands, and conservation efforts to restore the balance of plants and animals of the Janos, Mexico, prairie dog complex. il. [IL 6-10] 40 pages Lee & Low 2016 599. B,K+,L+,M,Q+,W+ (AR/RC) **\$21.19 S**

Royston, Angela

769394 Experiments With A Flashlight. An introduction to the physical properties of light through photo-illustrated, step-by-step experiments. il. [IL 7-11] 30 pages Smart Apple 2016 535. L,Q **\$23.29 S**

769397 Experiments With A Lemon. An introduction to the chemical properties of acids and bases through photo-illustrated, step-by-step experiments. il. [IL 7-11] 30 pages Smart Apple 2016 546. L,Q **\$23.29 S**

769395 Experiments With A Ruler. An introduction to physics through photo-illustrated, step-by-step experiments. il. [IL 7-11] 30 pages Smart Apple 2016 530. L,Q **\$23.29 S**

769398 Experiments With Water. An introduction to the physical properties of water through a series of photo-illustrated, step-by-

step experiments. il. [IL 7-11] 30 pages Smart Apple 2016 546. L,Q **\$23.29 S**

Rudenko, Dennis

770445 Mountains And Canyons. An introduction to mountains and canyons, including the earth science concepts behind their formation, the ways in which they shape the landscape, and more. il. [IL 9-13] 24 pages PowerKids 2017 551. L (AR) **\$26.30 S**

Salaka, Michael

774579 Islands And Archipelagos. An introduction to islands and archipelagos, including how they are formed by nature, how they are made by humans, and more. il. [IL 9-13] 24 pages PowerKids 2017 551. L (AR) **\$26.30 S**

Schaefer, Lola M.

781988 Hidden Dangers: Seek And Find 13 Of The World's Deadliest Animals. These thirteen of the world's most deadly creatures can be difficult to spot. Look for each animal and learn all the ways you could perish-or survive--depending on how smart, well-informed, and good at running away you are. il. Armstrong, Tymn. [IL 7-10] 33 pages Chronicle 2017 591. **\$19.81 S**

Shea, Therese

809145 Bird Watcher's Guide To Cardinals. Presents a wealth of information about the backyard life of a cardinal. Backyard Bird Watchers. il. [IL 7-11] 32 pages Gareth Stevens 2016 598. L (AR) **\$15.27 S**

809201 Freaky Weather Stories. Take a wild ride through some of Earth's strangest weather scenarios, including record-setting hailstones, frogs dropping from the sky, "fire tornadoes"--vortexes of air that pick up flames from forest fires and shoot them hundreds of feet into the air--and more! il. [IL 9-12] 32 pages Gareth Stevens 2016 551. B (AR) **\$15.27 S**

809143 How A Skyscraper Is Built. Explains how a skyscraper is built, from its beginnings on an empty lot to a monster skyscraper touching the skies. il. [IL 7-11] 24 pages Gareth Stevens 2016 720. L (AR) **\$14.30 E**

809211 Really Strange Reptiles. An introduction to the strangest reptile species in the world, including reptile behavior, habitats, life cycles, how their unique adaptations have helped them survive, and more. il. [IL 10-13] 32 pages PowerKids 2017 597. L (AR) **\$26.30 S**

Sheen, Barbara

809464 Artificial Eyes. Describes the invention and development of Artificial Eyes. Explores trials and tribulations along with the technological advances seen today. il. [IL 8-11] 48 pages Norwood House 2017 617. B (AR) **\$21.89 S,T**

Shofner, Melissa Rae

804819 Really Strange Amphibians. An introduction to the strangest amphibians on the planet, including adaptation and survival habits, amphibian behavior, and more. il. [IL 10-13] 32 pages PowerKids 2017 597. L (AR) **\$26.30 S**

Siy, Alexandra

823144 Voyager's Greatest Hits: The Epic Trek To Interstellar Space. A brief history and discussion of the planets and outer space objects encountered by spacecraft Voyager. il. [IL 10-14] 74 pages Charlesbridge 2017 523. B,K,L+,W **\$21.21 S,T**

Sjonger, Rebecca

823150 Biomedical Engineering And Human Body Systems. This book explores the creative ways biomedical engineers help diagnose, treat, and prevent problems found in human body systems. il. [IL 9-12] 32 pages Crabtree 2016 610. B (AR) **\$15.20 S,T,E**

Snedden, Robert

831741 Materials Engineering And Exploring Properties. This book explores how materials engineers research, design, and develop the materials needed to make these products a reality. il. [IL 9-12] 32 pages Crabtree 2016 620. B **\$15.20 S,E**

Sneed, Dani

831747 Man Who Invented The Ferris Wheel: The Genius Of George Ferris. Famous Washington Gale Ferris, Jr. was an American engineer, most famous for creating the original Ferris Wheel for the 1893 Chicago World's Columbian Exposition. il. [IL 8-11] 48 pages Enslow Elementary 2014 624-B B,L,Q (AR) **\$25.61 T,E**

Squire, Ann

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