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Current Highly Recommended STEM Titles

S-Science T-Technology E-Engineering M-Math

for Younger Readers & Older Readers

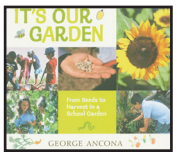
Younger Readers

043091. Adler, David A. Millions, Billions & Trillions: Understanding Big Numbers. 2013 This book explains millions, billions, and trillions in a lighthearted, tangible way. (06-10) B,L,Q+,M,W $20.19 **M**

044162. Adler, David A. Things That Float And Things That Don't. 2013 Why is it that a piece of metal doesn't float but a huge ship made of steel does? Here are answers to questions about density and flotation. (06-08) B+,K,L,Q+,M,W+ $20.19 **T,E,M**

044251. Adler, David A. Triangles. 2014 Two friendly kids and one savvy robot explain the nature of triangles. (07-10) B,K+,L+,Q $20.19 **M**

047528. Ajmera, Maya. Healthy Kids. 2013 Learn the different ways kids from around the world can stay healthy. (04-07) B,L,Q $13.50 **S**



057944. Ancona, George. It's Our Garden: From Seeds To Harvest In A School Garden. 2013 Visit this lively, flourishing school-and-community garden and be inspired to cultivate your own. (05-08) B,K,L,Q+,M,W $19.51 **S**

062268. Ang, Karen. Inside The Bees' Hive. 2014 Young readers will learn about the diet, life cycle, behavior, and habitat of bees. Special emphasis is placed on the bee's hive. (06-09) B,L,Q $24.37 **S**

064672. Appelt, Kathi. Counting Crows. 2015 The reader is invited to count hungry crows as they hunt for savory snacks. (03-07) B+,K+,L,W+ $20.21 **M**

068299. Arlon, Penelope. Dolphins. 2014 An up-to-date introduction to these highly intelligent creatures. (06-08) B,L,Q $13.21 **S**

068312. Arlon, Penelope. Rainforest. 2013 A comprehensive reference book all about rainforests, including the tribes, animals, and plant life that inhabit them. (07-10) B,L,Q $16.71 **S**

069695. Arndt, Ingo. Best Foot Forward: Exploring Feet, Flippers, And Claws. 2013 An intriguing close-up of an animal's foot piques curiosity that is satisfied on the following page with a photo of the animal itself and a brief description of how the foot is used. (05-08) B,K,L,Q,C,W $19.49 **S**

070636. Arnold, Caroline. Too Hot? Too Cold?: Keeping Body Temperature Just Right. 2013 People and animals live in hot and cold places all over the world. Describes the remarkable ways humans and animals keep their body temperature just right. (06-09) B,K+,L,Q $13.10 **S,T,E**

080807. Bailey, Gerry. Pteranodon. 2011 An introduction to the Pteranodon, one of the largest flying reptiles to exist. (05-08) B,L $14.40 **S**

088418. Bang, Molly. Ocean Sunlight: How Tiny Plants Feed The Seas. 2012 Phytoplankton, great white sharks, and manta rays illuminate a grand food chain and the life cycles deep within our seas. (07-10) B+,K+,L,Q+,M,C,W+ $20.91 **S**

114882. Berne, Jennifer. On A Beam Of Light: A Story Of Albert Einstein. 2013 From a boy endlessly fascinated by the wonders around him, Albert Einstein ultimately grows into a man of genius recognized the world over for profoundly illuminating our understanding of the universe. (06-09) B+,L+,CA $20.21 **S,M**

122360. Bishop, Nic. Nic Bishop Snakes. 2012 Both basic information and captivating details about the appearance, habits, and remarkable abilities of these amazing reptiles. (04-08) B,L+,Q+,M+,W $20.21 **S**

129549. Bodden, Valerie. Ticks. 2013 A basic introduction to ticks, examining where they live, how they grow, what they eat, and the unique traits that help to define them, such as their ability to swell with blood. (05-08) B,L $20.19 **S**

134490. Boothroyd, Jennifer. Endangered And Extinct Birds. 2014 Northern rockhopper penguins and colorful pufflegs are two examples of endangered birds. Few of them exist in the wild, and other birds have already gone extinct. Find out what hurts these animals and what you can do to help. (06-08) B,L,Q $25.30 **S**

134495. Boothroyd, Jennifer. Endangered And Extinct Fish. 2014 Cape seahorses and speartooth sharks are two examples of endangered fish. Few of them exist in the wild, and other fish have already gone extinct. Find out what hurts these animals and what you can do to help. (06-08) B,L $25.30 **S**

134499. Boothroyd, Jennifer. Endangered And Extinct Mammals. 2014 Asian elephants and Mexican long-nosed bats are two examples of endangered mammals. Few of them exist in the wild, and others have already gone extinct. Find out what hurts these animals and what you can do to help. (06-08) B,L,Q $25.30 **S**

134501. Boothroyd, Jennifer. Endangered And Extinct Reptiles. 2014 Short-nosed sea snakes and blue iguanas are two examples of endangered reptiles. Few of them exist in the wild, and others have already gone extinct. Find out what hurts these animals and what you can do to help. (05-08) B,L,Q $25.30 **S**

134537. Boothroyd, Jennifer. Map My State. 2014 Simple text takes early readers step by step through the types of features a state map needs to have and how to find the information. (04-07) B,L $23.44 **T**

149283. Brett, Jeannie. Wild About Bears. 2014 A comprehensive look at the world's eight bear species. (07-09) B,K,L,Q $13.10 **S**

153928. Brocket, Jane. Cold, Crunchy, Colorful: Using Our Senses. 2014 Combining simple text with colorful 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. (04-07) B,K,L,Q $26.24 **S**

173521. Burleigh, Robert. Look Up!: Henrietta Leavitt, Pioneering Woman Astronomer. 2013 A picture book biography about a little known female pioneer of astronomy! (04-08) B,K,L,Q,CA,W $19.51 **S,T**

173513. Burleigh, Robert. Night Flight: Amelia Earhart Crosses The Atlantic. 2011 An account of Amelia Earhart's dangerous 1932 flight across the Atlantic Ocean. (04-08) B+,K,L,M,C,W+ $20.21 **S,T,E**

173578. Burleigh, Robert. Trapped!: A Whale's Rescue. 2015 The true story of a female humpback whale that became entangled in fishing nets off the Pacific coast and was rescued by human divers. (04-06) B+,K,L+,W $20.19 **S**

175384. Burns, Loree Griffin. Handle With Care: An Unusual Butterfly Journey. 2014 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. The money that the museums pay for the pupae is used to protect the forest around the farm, including its butterfly habitat. (07-09) B,K,L,Q+,M $26.24 **S**

178334. Bustos, Eduardo. Going Ape! 2012 A colorful introduction to apes of all kinds. (05-08) B,L,Q $16.69 **S**

209673. Cheng, Christopher. Python. 2013 Follow the deadly python as she slithers in search of a meal. (05-08) B,L,Q,W $18.81 **S**

211478. Chin, Jason. Coral Reefs. 2011 An ordinary trip to the library becomes an extraordinary trip to the depths of the coral reefs. (05-09) B,K+,L,Q+,M,C,W $19.51 **S**

211484. Chin, Jason. Gravity. 2014 What stops everything from floating into space? Looks at the concept of gravity in a whole new way. (05-07) B,K+,L+,Q,M,C+,W+ $19.51 **S**

211486. Chin, Jason. Island: A Story Of The Galapagos. 2012 An epic saga of the life of an island--born of fire, rising to greatness, its decline, and finally the re-birth of life on new islands. (05-09) B,K+,L,Q+,M+,C+,W+ $19.51 **S**

218215. Clark, Stacy. When The Wind Blows. 2015 When the wind blows...kites fly, beach balls roll, and wind spins the blades of turbines that power trains, heat houses, and light up cities. Introduces very young children to physics and engineering concepts. (04-08) B,K,L $19.49 **E,M**

221075. Cleary, Brian P. Sparrow, Eagle, Penguin, And Seagull: What Is A Bird? 2013 An introduction to birds, including the characteristics they share. (05-08) B,L,Q $26.24 **S**

225362. Codell, Esme Raji. Seed By Seed: The Legend And Legacy Of John "Appleseed" Chapman. 2012 A picture book about the life of Johnny Appleseed and why the life and lessons of John Appleseed are relevant to kids today. (03-08) B,K,L,Q+,M,W+ $19.51 **S**

404840. Coleman, Janet Wyman. Eight Dolphins Of Katrina: A True Tale Of Survival. 2013 A picture book that recounts the true story of eight bottlenose dolphins and their trainers who survived the devastating Hurricane Katrina. (06-09) B,K,L,W $20.21 **S**

230556. Collard, Sneed B. Sneed B. Collard III's Most Fun Book Ever About Lizards. 2012 Details the lifecycles of lizards. (07-10) B,K,L,Q $13.10 **S**

236512. Cooke, Lucy. Little Book Of Sloth. 2013 A non-fiction photographic picture book featuring baby sloths of the world's largest sloth orphanage! (05-09) B,K-,L,C+,W+ $20.21 **S**

246016. Cowcher, Helen. Desert Elephants. 2011 People work together to preserve the delicate balance of life in the West African desert and protect the last of the magnificent desert elephants. (05-08) B,K,L,Q,C $19.51 **S**

246148. Cox, Lynne. Elizabeth, Queen Of The Seas. 2014 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. (04-08) B+,K,L+,Q+,M,C+,W $20.21 **S**

252392. Cummins, Julie. Flying Solo: How Ruth Elder Soared Into America's Heart. 2013 Before Amelia Earhart made her name flying across the Atlantic Ocean, Ruth Elder set out to beat her to the record. (06-09) B,K,L,Q+,M,C,W $20.21 **S,T,E**

253861. Curtis, Jennifer Keats. Seahorses. 2012 A picture book about the astonishing life of the seahorse. (04-08) B,K,L,Q,W $19.51 **S**

272882. Demi. Florence Nightingale. 2014 A picture book biography of a female pioneer in medicine. (04-08) B,K+,L,Q,W $20.21 **S,T**

280380. DiSiena, Laura Lyn. Chickens Don't Fly: And Other Fun Facts. 2014 A book of fun facts about animals of all sizes, shapes, and species! (04-08) B,L,Q $20.21 **S**

280382. DiSiena, Laura Lyn. Hippos Can't Swim: And Other Fun Facts. 2014 A book of fun facts about animals of all sizes, shapes, and species! (04-08) B,K,L,Q $20.21 **S**

294240. Duke, Shirley Smith. Step-By-Step Experiments With The Water Cycle. 2012 Explains what the water cycle is; describes the scientific method; and includes experiments testing different water cycle concepts. (05-08) B,L $20.39 **S,T**

304537. Einhorn, Edward (Edward Arthur). Fractions In Disguise. 2014 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. (07-10) B,K+,L,Q $13.10 **M**

332816. Fern, Tracey E. Barnum's Bones. 2012 The unusual story of how paleontologist Barnum Brown uncovered the bones of the Tyrannosaurus rex. (06-09) B+,K+,L,Q+,M,C $20.21 **S**

360404. Fromer, Liza. My Noisy Body. 2011 A lively book about the human body for young children dealing largely with the digestive system and the many noises it creates. (06-09) B,L,Q,W $16.69 **S**

364028. Galbraith, Kathryn Osebold. Planting The Wild Garden. 2011 Demonstrates the many ways seeds are distributed--by weather, water, people, animals, and the plants themselves. (04-08) B,K,L,Q,W+ $18.79 **S,T**

374359. George, Jean Craighead. Eagles Are Back. 2013 An inspiring picture book about the near-extinction and dramatic comeback of America's symbol. (06-08) B,K,L,Q,W $19.51 **S**

374405. George, Jean Craighead. Galapagos George. 2014 The story of the famous Lonesome George, a giant tortoise inhabiting the ever-fascinating Galapagos Islands. (04-08) B,K,L,Q,M,W+ $18.81 **S**

375570. Gerber, Carole. Spring Blossoms. 2013 Two children take a springtime stroll through a forest of blossoming trees. Along the way, they learn about the different kinds of flowers found on trees. (04-07) B,K,L,Q $19.49 **S**

376536. Gibbons, Gail. Beavers. 2013 With their sharp teeth, powerful tails, and big webbed feet, beavers are extraordinary creatures. Includes information about where they live, what they eat, and how they raise their young. (04-08) B,K,L,Q,W $20.19 **S**

376403. Gibbons, Gail. Gorillas. 2011 Descriptions of the physical characteristics of these primates as well as information about how they live, including how they eat, raise their young, and adapt to their environment. (04-08) B,L,Q $20.19 **S**

376204. Gibbons, Gail. It's Raining! 2014 A thorough explanation of the formation and effects of rain. (04-08) B,K,L,Q $20.19 **S**

376214. Gibbons, Gail. It's Snowing! 2011 Information about different types of snowstorms, regions where snow falls most, and how to prepare when a snowstorm is approaching. (04-08) B,K,L,Q $20.19 **S**

376331. Gibbons, Gail. Ladybugs. 2012 There are believed to be about 5,000 different kinds of ladybugs. Here are descriptions of their characteristics, their stages of development, and how they live. (04-08) B,L,Q,W $20.19 **S**

380888. Glaser, Linda. Not A Buzz To Be Found: Insects In Winter. 2012 Presents a variety of ways that insects and their offspring survive the winter. (07-10) B,K,L,Q $25.30 **S**

384802. Goldstone, Bruce. Awesome Autumn. 2012 What is autumn all about? This comprehensive celebration of all things autumn will show you. (04-08) B,K+,L,Q,C,W $19.51 **S**

384813. Goldstone, Bruce. That's A Possibility!: A Book About What Might Happen. 2013 With colorful photographs and interactive examples, Bruce Goldstone introduces children to the ideas of something being possible, probable, or impossible. Each spread features an easy-to-understand, fun scenario such as dice rolling and bowling, with questions about probable outcomes and simple explanations. (07-10) B,K,L+,Q,C,W+ $19.51 **M**

401588. Gray, Leon. Walking Sticks: The World's Longest Insects. 2013 Learn about the natural habitat, physical characteristics, diet, life cycle, and behavior of this supersized insect. (06-09) B,L,Q $20.19 **S**

394347. Gray, Rita. Have You Heard The Nesting Bird? 2014 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. (04-08) B+,K+,L,Q,C,W $19.51 **S**

397261. Greene, Carol. I Love Our Water. 2013 Find out why water is important, and how people can protect it. (08-09) B,L,Q $22.50 **S**

402140. Griffith, Victoria. Fabulous Flying Machines Of Alberto Santos-Dumont. 2011 While the Wright Brothers were gliding over Kitty Hawk, a Brazilian was making his mark on flight. (05-09) B,L,Q,C $19.49 **S,T,E**

406141. Guiberson, Brenda Z. Frog Song. 2013 A frog song is a celebration of clean water, plants and insects to eat. (04-08) B,L,Q,W+ $20.21 **S**

406139. Guiberson, Brenda Z. Greatest Dinosaur Ever. 2013 The biggest, the strongest, the fastest, or the smartest... You decide which dinosaur was the greatest of them all! (04-08) B,K,L+,Q,C $20.21 **S**

415509. Halvorson, Karin. Inside The Heart. 2013 A fun and easy introduction to how the heart works. (07-10) B,L,Q $20.89 **S**

283108. Harasymiw, N. D. Condors In Danger. 2014 An introduction to condors, including why these birds were so close to extinction and what was done to bring them back. (07-11) B,L $14.00 **S**

420064. Harness, Cheryl. Mary Walker Wears The Pants: The True Story Of The Doctor, Reformer, And Civil War Hero. 2013 A biography of a remarkable woman who challenged traditional roles and lived life on her own terms. (06-09) B,K,L,Q,CM,W $19.51 **S,T**

421873. Harris, Robie H. What's In There?: All About Before You Were Born. 2013 Follows the stages of pregnancy and childbirth in a matter-of-fact and comfortable way. (05-08) B,K,L,Q,CA $18.81 **S**

421912. Harris, Robie H. Who Has What?: All About Girls' Bodies And Boys' Bodies. 2011 A simple story following Nellie and Gus on a family outing to the beach. It will reassure young kids that whether they have a girl's body or a boy's, their bodies are perfectly normal and healthy. (05-08) B+,K+,L+,Q+,M,C,W $18.81 **S**

423324. Hartland, Jessie. How The Dinosaur Got To The Museum. 2011 Presents the history of a diplodocus: from its discovery in 1923 in Utah to its arrival in the Smithsonian. (06-10) B,K+,L,Q,W $20.21 **S**

423336. Hartland, Jessie. How The Meteorite Got To The Museum. 2013 Details the steps that brought a meteor from outer space, across the eastern US, to the roof of a car in Peekskill, New York, and thereafter to be verified, tested, and exhibited at the American Museum of Natural History. (06-09) B,K+,L+,Q,C $20.21 **S**

425724. Hauth, Katherine B. What's For Dinner?: Quirky, Squirmy Poems From The Animal World. 2011 Twenty-nine poems explore the unusual and sometimes gruesome eating habits of the animal world. (07-10) B,K+,L,Q $13.95 **S**

434976. Heiligman, Deborah. Boy Who Loved Math: The Improbable Life Of Paul Erdos. 2013 Paul Erdos traveled around the world, from one mathematician to the next, collaborating on an astonishing number of publications. A beautiful introduction to the world of math and a fascinating look at a great man. (06-09) B+,K+,L,Q+,M,C,W+ $20.21 **M**

435962. Helfer, Ralph. World's Greatest Lion. 2012 The inspiring true story of the world-famous MGM Lion. (05-08) B,L,Q,W $20.21 **S**

439958. Heos, Bridget. I, Fly: The Buzz About Flies And How Awesome They Are. 2015 Fly is fed up with everyone studying butterflies. After all, flies go through metamorphosis too--and they are so much cooler! Both funny and informative, this narrator provides a new perspective on his fascinating species. (04-08) B,K,L,M,C+ $19.51 **S**

439967. Heos, Bridget. Wash Cars. 2014 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. (05-08) B,L $20.89 **T**

450866. Hodson, Sally. Granny's Clan: A Tale Of Wild Orcas. 2012 A 100 year-old orca whale named Granny leads a clan of orcas near the Pacific Northwest in hunting, teaching young whales, and establishing a friendship with humans. (04-10) B,K,L,Q $14.40 **S**

463344. Hopkins, H. Joseph. Tree Lady: The True Story Of How One Tree-Loving Woman Changed A City Forever. 2013 The moving true story of Kate Sessions, who helped San Diego grow from a dry desert town into a lush, leafy city known for its gorgeous parks and gardens. (05-09) B+,K,L+,Q+,M,C,W $19.51 **S,E**

465034. Houran, Lori Haskins. Dig Those Dinosaurs. 2013 Follow a paleontologist and his crew as they find, clean, assemble, and exhibit dinosaur bones. (04-07) B,K,L,Q $18.81 **S,T**

465043. Houran, Lori Haskins. How To Spy On A Shark. 2015 A crew of scientists at sea use a camera-equipped robotic device to track a shark's movements through the water. (04-07) B,K-,L $18.81 **S,T**

467401. Huber, Raymond. Flight Of The Honey Bee. 2013 Follow the flight of a honey bee as she searches for nectar to sustain her hive and pollinates flowers. (06-09) B+,K,L,Q+,M,C $19.51 **S**

490948. Jenkins, Steve. Animal Book: A Collection Of The Fastest, Fiercest, Toughest, Cleverest, Shyest-- And Most Surprising-- Animals On Earth. 2013 In this exploration of the natural world, readers learn all about the extraordinary

animals who share our planet. (07-10) B+,K+,L,Q+,M+,C,W+ $23.01 **S**

490850. Jenkins, Steve. Beetle Book. 2012 Legs, antennae, horns, beautiful shells, knobs, and other oddities--what's not to like about beetles? (04-08) B+,K+,L+,Q+,M,C,W+ $19.51 **S**

490832. Jenkins, Steve. Creature Features: 25 Animals Explain Why They Look The Way They Do. 2014 Get face-to-face with unique animals from around the world in this playful exploration of unusual animal facial features. (04-08) B,K,L+,Q,C,W+ $20.21 **S**

695299. Jenkins, Steve. Egg: Nature's Perfect Package. 2015 Explore how a simple, often colorful, sometimes surprisingly shaped package reveals nature's life cycle, unusual animal defense strategies, parenting behavior, evolution, and more. (04-08) B,K,L,C $19.51 **S,E**

490834. Jenkins, Steve. Eye To Eye: How Animals See The World. 2014 Presents a series of animals that possess unusual eyes. (06-09) B,K+,L+,M,C,W+ $20.21 **S**

490944. Jenkins, Steve. Just A Second: A Different Way To Look At Time. 2011 Explores time and how we think about it in a different way--as a series of events in the natural world that take place in a given unit of time. (04-08) B,L+,Q,C,W+ $20.21 **S,T,M**

490942. Jenkins, Steve. My First Day. 2013 Looks at what a variety of creatures can accomplish within 24 hours of being born. (04-08) B,K,L,Q+,M,C,W $20.21 **S**

503650. Judge, Lita. Bird Talk: What Birds Are Saying And Why. 2012 An illustrated tribute to birds of all kinds and the fantastic, funny, fascinating things that they do. (06-09) B,K,L,Q+,M,W $20.21 **S**

503830. Juettner Fernandes, Bonnie. Large Hadron Collider. 2014 Describes the struggles and accomplishments in building the Hadron Super Collider, the tool that scientists use to understand how the universe first began. (08-11) B,L,Q $21.59 **S,T,E**

505956. Kalman, Bobbie. Baby Carnivores. 2013 Explains how baby carnivores are cared for by their mothers and how they learn to hunt. (05-08) B,L $13.50 **S**

505938. Kalman, Bobbie. Baby Rodents. 2013 Learn about rodent teeth, rodent diets, how different rodents move, build their homes, and which rodents are popular pets. (05-08) B,L $13.50 **S**

506354. Kamkwamba, William. Boy Who Harnessed The Wind. 2012 A boy learns to build a windmill to bring electricity to his village during a drought and famine. (06-08) B,K,L,Q,C,W $20.21 **S,T,E**

533296. Krull, Kathleen. What's New? The Zoo!: A Zippy History Of Zoos. 2014 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. (04-08) B,K,L+,Q,CA,W $20.21 **S,E**

534226. Kulling, Monica. In The Bag!: Margaret Knight Wraps It Up. 2011 A short illustrated biography about the woman who invented the paper bag. (05-08) B,L,Q,W $20.19 **S,T,E**

535828. Kvatum, Lia. Saving Yasha: The Incredible True Story Of An Adopted Moon Bear. 2012 Yasha, a moon bear in Russia's Far East, grows up with his human "adopted parents," two scientists. (06-08) B,K,L,Q,W $19.49 **S**

550592. Lawlor, Laurie. Rachel Carson And Her Book That Changed The World. 2012 A biography of the pioneering environmentalist who wrote *Silent Spring*. (06-10) B,K,L,Q+,M,W $19.49 **S**

557475. Leedy, Loreen. Measuring Penny. 2012 Lisa learns about the mathematics of measuring her dog Penny with all sorts of units, including pounds, inches, dog biscuits, and cotton swabs. (07-09) B+,K+,L+,Q+,M $13.68 **M**

557538. Leedy, Loreen. Seeing Symmetry. 2012 Once you start looking, you can find symmetry all around you. Activities show kids how to make their own symmetrical masterpieces. (06-10) B,K,L,Q+,M,C $20.19 **E,M**

566922. Levine, Sara. Bone By Bone: Comparing Animal Skeletons. 2014 Learn about how our skeletons are like--and unlike--those of other animals. (05-09) B,L,Q,C $26.24 **S**

568346. Lewin, Ted. Animals Work. 2014 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. (04-08) B,K,L,Q $18.09 **S**

568348. Lewin, Ted. Can You See Me? 2014 Invites readers to explore animal camouflage in the rain forest. (04-08) B,K,L,Q $18.09 **S**

568400. Lewin, Ted. Puffling Patrol. 2012 Ted and Betsy Lewin detail the annual rescue of baby puffins by the children of Heimaey, the largest island in the Westman Islands off the coast of Iceland. (06-11) B,K,L,Q+,M,CA $21.59 **S**

568446. Lewin, Ted. What Am I? Where Am I? 2013 A guessing game that fosters an appreciation of both art and science, while introducing animals in the five major biomes--grassland, desert, forest, tundra, and water. (04-08) B,K,L,Q $13.42 **S**

585286. Long, Ethan. Wing Wing Brothers Geometry Palooza! 2014 The Wing Wing brothers teach readers the building blocks of geometry. (04-06) B,K,L,Q,W $18.79 **M**

589628. Loy, Jessica. Weird And Wild Animal Facts. 2015 This is a book about well-known animals--kangaroos, hippos, giraffes--who all have unusual characteristics. Contains amazing photographs and easy-to-digest factoids, perfect for animal lovers of all ages. (04-08) B,K,L,W $20.21 **S**

591176. Lynette, Rachel. Kinkajous. 2013 Learn how kinkajou babies spend their days, find food, and use their long and strong tail like another arm. (06-09) B,L,Q $18.81 **S**

591244. Lyon, George Ella. All The Water In The World. 2011 Water doesn't come. It goes. Around. An environmentally friendly song about the water cycle. (04-08) B+,L+,Q+,M,C,W $20.21 **S**

592053. Macaulay, David. Jet Plane: How It Works. 2012 Explains how jets are built and how they fly. (05-09) B,L,Q+,M,C $11.80 **S,T,E**

592057. Macaulay, David. Toilet: How It Works. 2013 Takes readers on a tour of the bathroom and the sewer system, from the familiar family toilet to the mysterious municipal water treatment plant. (06-09) B,K+,L+,Q+,M,C $11.80 **S,T,E**

597622. Maley, Adrienne Houk. 20 Fun Facts About Praying Mantises. 2013 An introduction to the praying mantis, including fun facts and their natural habitats. (07-10) B,L $14.97 **S**

603765. Markle, Sandra. Bats: Biggest! Littlest! 2013 Presents eye-popping photographs of strange bats from around the world. (06-08) B,L,Q,C $19.49 **S**

603911. Markle, Sandra. Long, Long Journey: The Godwit's Amazing Migration. 2013 Following the amazing journey of a young bar-tailed godwit from her birth in Alaska through her 7,000-mile migration to New Zealand. (05-08) B,K,L+,Q,M $26.24 **S**

603929. Markle, Sandra. Snow School. 2013 The story of twin endangered snow leopard cubs, dependent on their mother's lessons to learn how to survive. (04-07) B,K,L,Q $19.49 **S**

603828. Markle, Sandra. Waiting For Ice. 2012 The true story of an orphaned polar bear cub, left to fend for herself on an island with a rapidly-diminishing food supply on the Arctic ice cap. (04-07) B,K,L,Q $18.79 **S**

605594. Marsico, Katie. Step-By-Step Experiments With Insects. 2012 Explains what insects are and how they live and grow; describes the scientific method; and includes experiments testing different insect concepts. (05-08) B,L $20.39 **S,T**

606097. Martin, Jacqueline Briggs. Alice Waters And The Trip To Delicious. 2014 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. (06-09) B,K,L,W $20.89 **S**

609133. Marzollo, Jean. Help Me Learn Numbers 0-20. 2011 Colorful photos of fun objects and a fun game all help children learn numbers and number value. (03-05) B,K,L,Q,W $18.79 **M**

613340. Mattern, Joanne. Steve Jobs. 2013 A biography of Steve Jobs, the innovative force behind Apple Computers. (07-09) B,L $12.60 **S,T**

618506. McCarthy, Meghan. Earmuffs For Everyone!: How Chester Greenwood Became Known As The Inventor Of Earmuffs. 2015 This picture book biography of Chester Greenwood explores the invention of the earmuffs and the patenting process. (04-08) B+,K+,L+,C+,W+ $20.21 **T**

624070. McDonnell, Patrick. Me-- Jane. 2011 Holding her stuffed toy chimpanzee, young Jane Goodall observes nature, reads Tarzan books, and dreams of living in Africa and helping animals. (03-06) B+,K+,L,Q+,M+,CA,W $18.81 **S**

639782. Messner, Kate. Over And Under The Snow. 2011 Explores the tunnels and caves formed beneath the snow but over the ground, where many kinds of animals live through the winter. (04-08) B,K,L,Q+,M+,W $13.60 **S,E**

641409. Miche, Mary. Nature's Patchwork Quilt: Understanding Habitats. 2012 Like a quilt, each habitat in nature is composed of many interdependent pieces that form grand patterns and webs. The text introduces numerous key concepts in natural science, and the back material offers activities and ideas for teaching. (04-10) B,L,Q $14.40 **S**

649167. Minden, Cecilia. Nurses. 2014 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. (06-09) B,L $20.19 **S,T**

649184. Minden, Cecilia. Veterinarians. 2014 Pets are an important part of the family. So when they get sick or hurt, we rely on the skill and compassion of veterinarians. (06-09) B,L $20.19 **S,T**

651610. Monroe, Mary Alice. Butterfly Called Hope. 2013 The colorful flowers in Mama's garden reveal a strange-looking creature. "What is it? Does it sting, does it bite?" Join in this photographic journey as the young girl and her mother care for the caterpillar. Watch as it transforms into a chrysalis and then emerges as a beautiful monarch butterfly. (04-08) B,L,Q $14.90 **S**

659213. Morlock, Lisa. Track That Scat! 2012 Join Finn and her dog, Skeeter, as they venture out on a hike in the woods. She and Skeeter stumble upon--and into--traces of several woodland creatures living nearby, and find out more about each animal along the way. (04-08) B,L,Q,W $18.79 **S**

664432. Munro, Roxie. Busy Builders. 2012 Eight insects, one spider, and the amazing structures they build. (05-11) B,K,L,Q+,M,CA,W $20.21 **S,E**

664435. Munro, Roxie. Hatch! 2011 Nine birds and their eggs and nests. (05-11) B,L,Q+,M,W $20.21 **S**

664443. Munro, Roxie. Slithery Snakes. 2013 Lots of fascinating facts about different types of snakes, as well as an up-close look at their amazing skin patterns. (07-10) B,L $20.21 **S**

670477. Nelson, Maria. 20 Fun Facts About Dragonflies. 2013 An introduction to dragonflies, including how fast they fly, what they eat, and how baby dragonflies survive underwater. (07-10) B,L $14.97 **S**

670466. Nelson, Robin. From Cocoa Bean To Chocolate. 2013 Learn about how chocolate is produced--from start to finish. (05-08) B,L,Q $24.37 **S,T,E**

677312. Nivola, Claire A. Life In The Ocean: The Story Of Oceanographer Sylvia Earle. 2012 The inspiring story of a world-renowned oceanographer and environmentalist. (05-08) B+,K+,L+,Q+,M,W+ $20.21 **S**

677327. Niver, Heather Moore. 20 Fun Facts About Moray Eels. 2013 Provides readers with an up-close view of Moray eels. (07-10) B,L $14.97 **S**

685428. O'Connell, Caitlin. Baby Elephant In The Wild. 2014 This nonfiction photo essay brings young children to the Africa scrub desert to witness a baby elephant surviving in the wild. (04-08) B,K,L,Q+,M,CA $19.51 **S**

689432. Oliver, Narelle. Sand Swimmers: The Secret Life Of Australia's Desert Wilderness. 2015 Journey to the heart of Australia and find secret life in the harshest of deserts. (07-10) B,K+,L $19.51 **S**

694874. Owens, L. L. Life Cycle Of A Snail. 2012 Describes the different stages of a snail's life, including hatching from an egg, growth of its body and shell, and reproduction. (05-08) B,L $20.89 **S**

694868. Owens, L. L. Venus. 2013 An introduction to the planet Venus, its size, composition, and place within our solar system. (06-09) B,L $20.89 **S**

696673. Pallotta, Jerry. Butterfly Counting. 2015 A nature counting book that features butterflies of all shapes and sizes. (03-07) B,K,L $13.10 **S,M**

702829 Pasternak, Carol. How To Raise Monarch Butterflies: A Step-By-Step Guide For Kids. 2012 Explores the life cycle of the monarch butterfly. (06-10) B,L $13.95 **S**

704245. Paul, Miranda. Water Is Water. 2015 A spare, poetic picture book exploring the different phases of the water cycle in surprising and engaging ways. (04-06) B,K,L+,M $20.21 **S**

710814. Peterson, Brenda. Leopard & Silkie: One Boy's Quest To Save The Seal Pups. 2012 Vulnerable baby seals are left on shore in the Pacific Northwest while their mothers hunt for food, and concerned volunteers keep vigil over them. (04-07) B,L,Q+ $19.51 **S**

714678. Phillips, Dee. Chipmunk's Hole. 2012 Explore the subterranean world of these furry little animals. Includes age-appropriate activities. (06-09) B,L,Q $20.19 **S**

715000. Phillips, Dee. Spider Monkey. 2014 Young readers will learn about the diet, habitat, behavior and life cycle of spider monkeys. (06-09) B,L,Q $24.37 **S**

728540. Potter, Alicia. Mrs. Harkness And The Panda. 2012 The incredible story of a female adventurer who brought America its first panda in 1934. (05-08) B+,K,L+,Q+,M,C,W $19.51 **S**

733502. Pringle, Laurence. Frogs! 2012 Meet more than one hundred frogs--the camouflaged and the colorful, the plain and the charismatic, some over a foot long and others small enough to sit on a dime. (07-09) B,K+,L,Q $19.49 **S**

733538. Pringle, Laurence. Octopuses! 2015 An investigation of octopuses, covering the entire life cycle of these mysterious ocean dwellers and their anatomical details and behavioral quirks. (07-09) B,K+,L,M $19.49 **S**

733546. Pringle, Laurence. Secret Life Of The Woolly Bear Caterpillar. 2014 All about those fuzzy orange-banded caterpillars, including their life cycle, body structure, habits, and habitat. (06-08) B,K,L,Q $19.49 **S**

754204. Riggs, Kate. Woodpeckers. 2014 A basic exploration of the appearance, behavior, and habitat of woodpeckers,

nature's drummers. Also included is a story from folklore explaining how woodpeckers take care of their young. (06-09) B,L,Q $20.89 **S**

760250. Robinson, Jill. Jasper's Story: Saving Moon Bears. 2013 The true story of an abused moon bear and his recovery at an animal sanctuary in China. (06-10) B,K,L,Q $19.51 **S**

761284. Rockwell, Lizzy. Bird Is A Bird. 2015 Explains that birds have beaks, wings, and feathers, and hatch from eggs. (03-07) B,K,L,W $19.49 **S**

761468. Rockwell, Lizzy. Plants Feed Me. 2014 A science book about the parts of plants that humans find delicious. (03-06) B,K,L,Q,W $19.49 **S**

763089. Roop, Connie. Extreme Survivors. 2014 Up high, down low, in freezing temperatures, and in boiling hot places--animals and plants can survive in the most extreme environments! (05-08) B,K,L,Q $14.90 **S**

763123. Roop, Peter. Tales Of Famous Animals. 2012 Learn all about presidential pets, heroic animals like Balto the sled dog and unique animals like Thumbelina, the world's smallest horse. (07-10) B,L,Q $20.21 **S**

763923. Rose, Deborah Lee. Jimmy The Joey: The True Story Of An Amazing Koala Rescue. 2013 Follow Jimmy the koala joey on his journey back to the wild Australian forest. (04-08) B,K,L,Q,CA,W $19.49 **S**

767469. Roth, Susan L. Mangrove Tree: Planting Trees To Feed Families. 2011 The transformation in Eritrea when Dr. Gordon Sato, a Japanese American cell biologist, plants mangrove trees. (06-11) B,K,L,Q,W+ $21.59 **S,E**

767474. Roth, Susan L. Parrots Over Puerto Rico. 2013 A combined history of the Puerto Rican parrot and the island of Puerto Rico, highlighting current efforts to save the Puerto Rican parrot by protecting and managing this endangered species. (06-10) B+,K+,L+,Q+,M+,C,W+ $21.59 **S**

767711. Rotner, Shelley. Body Actions. 2012 Photos of kids running, jumping and using all five senses, overlaid with illustrations of the nervous, skeletal, muscular, respiratory, and circulatory systems and major organs. (04-08) B,K,L,Q $19.49 **S**

771046. Rumford, James. From The Good Mountain: How Gutenberg Changed The World. 2012 The story of the first printed book. (04-08) B,K,L+,Q+,M,C,W $20.21 **S,T,E**

771833. Rusch, Elizabeth. Electrical Wizard: How Nikola Tesla Lit Up The World. 2013 The story of the ambitious young man who brought life-changing ideas to America, despite his hero-turned rival, Thomas Edison. (07-10) B,K,L,Q+,M,CA $19.51 **S,T,E**

771839. Rusch, Elizabeth. Volcano Rising. 2013 Introduces the parts of a volcano and explains the ways in which volcanoes create new land. (07-09) B,K,L,Q,M $13.10 **S**

774613. Salas, Laura Purdie. Rock Can Be... 2015 Rocks may seem like boring, static objects--until you discover that a rock can spark a fire, glow in the dark, and provide shelter. (05-08) B,K,L $20.21 **S**

774617. Salas, Laura Purdie. Water Can Be-- 2014 F i n d out about the many roles water plays in this poetic exploration of water in all different settings. (04-07) B,K+,L,Q,W+ $20.19 **S**

780522. Saxby, Claire. Big Red Kangaroo. 2015 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. (05-08) B,K,L,M,C,W $19.51 **S**

781218. Sayre, April Pulley. Go, Go, Grapes!: A Fruit Chant. 2012 Fruit takes the stage in this joyful ode to healthy eating. (03-07) B,K,L,Q $19.51 **S**

781221. Sayre, April Pulley. Here Come The Humpbacks! 2013 A mother humpback whale and her calf migrate from the Caribbean to their winter feeding grounds off the coast of New England and back again. (04-07) B,L,Q $13.10 **S**

781171. Sayre, April Pulley. Let's Go Nuts!: Seeds We Eat. 2013 What do nuts, beans, grains, and even some spices have in common? They're all seeds--seeds we can eat. (04-08) B,K,L,Q $19.51 **S**

781168. Sayre, April Pulley. Raindrops Roll. 2015 In her latest photo-illustrated nonfiction picture book, 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. (04-08) B,K+,L+,W+ $20.21 **S**

781226. Sayre, April Pulley. Woodpecker Wham! 2015 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. Woodpeckers are nature's home builders, creating holes that many other animals live in when the woodpeckers move on. (04-08) B,K,L+,M,W $20.21 **S**

782080. Schaefer, Lola M. Lifetime: The Amazing Numbers In Animal Lives. 2013 Shows in text and art how many of an event an animal experiences in its lifetime (e.g., a caribou will grow and shed ten pairs of antlers). (05-08) B,K,L,Q+,M,W+ $20.21 **S,M**

787476. Schnell, Lisa Kahn. High Tide For Horseshoe Crabs. 2015 Horseshoe crabs, shorebirds, and humans converge in a frenzy of activity during the annual horseshoe crab mass-spawning event at Delaware Bay. (06-08) B,K+,L+ $19.49 **S**

805512. Shannon, George. Who Put The Cookies In The Cookie Jar? 2013 Takes us on a delicious cookie journey, showing how many hands work together so that one cookie makes it to the cookie jar. (03-06) B,K,L,Q+,M,W $19.51 **T**

817209. Sill, Cathryn P. About Habitats: Deserts. 2012 Children learn what deserts are, what kinds of animals and plants live there, and how each has adapted to the unique challenges of the environment. (03-07) B,L,Q $13.90 **S**

817246. Sill, Cathryn P. About Habitats: Forests. 2014 Explores the major attributes of the forest biome and showcases its striking beauty and remarkable diversity. (03-07) B,K,L,Q $19.49 **S**

817250. Sill, Cathryn P. About Parrots: A Guide For Children. 2014 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. (03-07) B,K,L,Q $19.49 **S**

818849. Silverman, Buffy. Can You Tell A Gecko From A Salamander? 2012 Explains how these animals look very similar, but are different, including how to become an expert on telling them apart. (05-08) B,L,Q $25.30 **S**

818882. Silverman, Buffy. How Do Hot Air Balloons Work? 2013 An introduction to hot air balloons, including how they fly and how people control where they go. (05-08) B,L $25.30 **S,T**

820352. Simon, Seymour. Coral Reefs. 2013 An introduction to one of the most beautiful life-forms under the sea--coral reefs! (06-10) B,K,L,Q $13.42 **S**

822604. Singer, Marilyn. Strange Place To Call Home: The World's Most Dangerous Habitats & The Animals That Call Them Home. 2012 A fascinating look at the creatures that call the strangest places home. (06-10) B,K,L,Q,W $19.51 **S**

823012. Siy, Alexandra. Bug Shots: The Good, The Bad, And The Bugly. 2011 Compiles "rap sheets" on several of the major categories of bugs and takes a very close look at some of the major types of insects. (06-10) B,K,L,Q,C,W $19.49 **S**

833254. Snyder, Lydia. Rhinos In Danger. 2014 An introduction to rhinos, including why they are threatened and

endangered today and what action can be taken to keep them from becoming extinct. (07-11) B,L $14.00 **S**

833935. Sobol, Richard. Story Of Silk: From Worm Spit To Woven Scarves. 2012 From the nurturing of silkworms in Thailand to the weaving of the fabric, the author chronicles the process of creating one of the most desired fabrics. (06-10) B,K,L,Q+,M,W $20.21 **S,T**

842104. Squire, Ann. Mammals. 2014 An introduction to mammals, including common traits and the threats that are affecting wild mammals today. (08-10) B,L $13.05 **S**

852904. Stevenson, Emma. Hide-And-Seek Science: Animal Camouflage. 2013 How animals use camouflage in seven distinct ecosystems: swamp, desert, rainforest, savanna, deciduous forest, arctic, and coral reef. (06-10) B,K,L,Q,W $19.49 **S**

854340. Stewart, Melissa. Feathers: Not Just For Flying. 2014 Meet sixteen birds in this introduction to many uses for feathers. (06-09) B,K,L,Q+,M,C,W+ $13.10 **S**

854400. Stewart, Melissa. Place For Bats. 2012 This fact-filled look at the amazing world of bats includes a call to action to protect these creatures and their habitats. (06-10) B,L,Q $19.49 **S**

854526. Stewart, Melissa. Place For Turtles. 2013 This fact-filled, colorful look at the amazing world of turtles includes a call to action to protect these creatures and their habitats. (06-10) B,L,Q $19.49 **S**

854577. Stewart, Melissa. World's Fastest Animals. 2014 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. (05-08) B,L,Q $14.90 **S**

854581. Stewart, Melissa. Zoom In On Bees. 2014 Provides information for readers about a bee's home, food, and body. (05-08) B,L,Q $22.50 S

854584. Stewart, Melissa. Zoom In On Butterflies. 2014 Provides information for readers about a butterfly's home, food, and body. (05-08) B,L,Q $22.50 **S**

854589. Stewart, Melissa. Zoom In On Grasshoppers. 2014 Provides information for readers about a grasshopper's home, food, and body. (04-08) B,L,Q $22.50 **S**

854591. Stewart, Melissa. Zoom In On Ladybugs. 2014 Provides information for readers about a ladybug's home, food, and body. (05-08) B,L,Q $22.50 **S**

854716. Stills, Caroline. Mice Mischief: Math Facts In Action. 2014Ten topsy-turvy circus mice teach simple addition. (04-08) B,K,L,Q,C,W $19.49 **M**

855634. Stockdale, Susan. Spectacular Spots. 2015 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. Bouncy, alliterative rhyme and simple phrases keep readers entertained, while back matter provides more in-depth information on each featured animal. (02-06) B,K,L $18.79 **S**

858170. Stone, Tanya Lee. Who Says Women Can't Be Doctors?: The Story Of Elizabeth Blackwell. 2013 The inspiring story of Elizabeth Blackwell, the first female doctor in America. (05-08) B+,K,L,Q+,M,W $20.21 **S,T**

872797. Taus-Bolstad, Stacy. From Grass To Milk. 2013 Learn about how milk is produced--from start to finish. (05-08) B,L,Q $24.37 **S,T,E**

872798. Taus-Bolstad, Stacy. From Milk To Ice Cream. 2013 Learn about how ice cream is produced--from start to finish. (05-08) B,L,Q $28.19 **S,T,E**

879042. Thimmesh, Catherine. Friends. 2011 Explores the theme of friendship through unlikely but winning animal pairs. (04-08) B,L,Q $19.51 **S**

881365. Thomson, Sarah L. Ancient Animals: Terror Bird. 2013 The flightless terror bird in ancient South America was a formidable hunter. Explains how terror birds lived, hunted, and how they might have died out. (06-09) B,K,L,Q,CA $12.30 **S**

882308. Thurlby, Paul. Wildlife. 2013 See wildlife as you've never seen it before with this menagerie of curious animals. (05-09) B,K,L,Q,W $20.21 **S**

900835. Urbigkit, Cat. Guardian Team: On The Job With Rena And Roo. 2011 Shows how a burro and a dog are trained as animal guardians. (07-10) B,K,L,Q $19.49 **S**

920104. Ward, Jennifer. Mama Built A Little Nest. 2014 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. Includes brief facts about each kind of bird. (04-08) B+,K,L,Q,C,W+ $20.21 **S,E**

931589. Weitekamp, Margaret A. Pluto's Secret: An Icy World's Tale Of Discovery. 2013 Presents a fascinating look at how scientists organize and class our solar system as they gain new insights and explains why Pluto is no longer a planet. (05-09) B,K,L,Q,CA $19.49 **S**

956951. Winter, Jeanette. Watcher: Jane Goodall's Life With The Chimps. 2011 The inspiring true story of Jane Goodall and her chimps in the African forests of Tanzania. (04-08) B+,K+,L,Q+,M,C,W $20.21 **S**

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Older Readers

043096. Adler, David A. Mystery Math: A First Book Of Algebra. 2011 In a creepy haunted house, readers learn to find the unknown number of skeletons, ravens, and bats by using simple addition, subtraction, multiplication, and division to solve equations. (06-10) B,K,L,Q,W $20.19 **M**

043095. Adler, David A. Perimeter, Area, And Volume: A Monster Book Of Dimensions. 2012 You're invited to a 3-D movie! The star-studded cast of monsters will help you calculate the perimeter of the set, the area of the movie screen, and the volume of your popcorn box. (07-10) B,K-,L,Q,W $20.19 **M**

667925. Animal Encyclopedia: 2,500 Animals With Photos, Maps, And More! 2012 The most complete kids animal encyclopedia presenting a riveting (and often surprising) survey of the animal kingdom. (08-12) B,L,Q $25.09 **S**

068306. Arlon, Penelope. Planets. 2012 Discover how our planet fits into the solar system and all the crazy, big facts and stats of space. (08-11) B,L $16.71 **S**

071095. Aronson, Marc. Griffin And The Dinosaur: How Adrienne Mayor Discovered A Fascinating Link Between Myth And Science. 2014 Presents Mayor's discovery of a new kind of science--geomythology--where experts match myths and fossils. (10-14) B,K,L,Q,CA,W $20.91 **S**

093685. Barretta, Gene. Timeless Thomas: How Thomas Edison Changed Our Lives. 2012 Explores the two laboratories of one of America's most important inventors. (08-12) B,K+,L,Q,W $20.21 **S,T,E**

100499. Beauregard, Lynda. In Search Of The Fog Zombie: A Mystery About Matter. 2012 When Angie and Alex arrive at Camp Dakota, a thick fog envelops everything and when the campers start finding mysterious notes with hints about a Fog Zombie, their counselors teach them about solids, liquids, gases, and the properties of matter to uncover the meaning of the clues. In graphic novel format. (08-12) B,K,L,Q $28.11 **S**

071109. Berger, Lee R. Skull In The Rock: How A Scientist, A Boy, And Google Earth Opened A New Window On Human Origins. 2012 Paleontologist Lee Berger's amazing discovery of a brand new species of human reads as a quest,

from the nitty-gritty of evidence gathering to the magnificent moments of revelation. (10-14) B,K,L,Q+,M $20.89 **S**

169922. Bulion, Leslie. Random Body Parts: Gross Anatomy Riddles In Verse. 2015 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. (08-12) B,K,L,W $18.09 **S**

175364. Burns, Loree. Griffin. Citizen Scientists: Be A Part Of Scientific Discovery From Your Own Backyard. 2012 You don't need to be a scientist to participate in real scientific experiments. Just explore a field, urban park, or your own backyard. (08-12) B,L,Q+,M $21.61 **S**

184851. Campbell, Sarah C. Mysterious Patterns: Finding Fractals In Nature. 2014 An introduction to the amazing and naturally repeating patterns called fractals. (07-10) B,K,L+,Q+,M,CA,W+ $19.49 **S,M**

198637. Castaldo, Nancy F. (Nancy Fusco) Sniffer Dogs: How Dogs (And Their Noses) Save The World. 2014 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. These working dogs work to please, work to play, and work for love. (10-14) B,K+,L,Q,C $19.51 **S**

199022. Cate, Annette. Look Up!: Bird-Watching In Your Own Backyard. 2013 A conversational, humorous introduction to bird-watching, featuring quirky full-color illustrations, portrays dozens of birds chatting about their distinctive characteristics, including color, shape, plumage, and beak and foot types. (08-12) B,K+,L+,Q+,M+,C,W+ $18.81 **S**

203905. Cerullo, Mary M. Giant Squid: Searching For A Sea Monster. 2012 Describes the science of the giant squid and the challenges in finding and learning about this cephalopod. (09-12) B,L,Q $20.78 **S**

212240. Christensen, Bonnie. I, Galileo. 2012 Galileo tells about his life and scientific discoveries in this picture book biography. (08-12) B,K,L,Q+,M,C,W+ $20.21 **S**

241142. Cooper, Michael L. Fighting Fire!: Ten Of The Deadliest Fires In American History And How We Fought Them. 2014 From colonial times to the modern day, two things have remained constant in American history: the destructive power of fires and the bravery of those who fight them. Fighting Fire! brings to life ten of the deadliest infernos this nation has ever endured. (10-14) B,K,L,Q,M,CA $21.61 **T**

251754. Crump, Martha L. Mystery Of Darwin's Frog. 2013 A frog packed with tadpoles! A fascinating tale of scientific discovery chronicles "how we know what we know" about the exotic Darwin's frog. (07-11) B,K,L+,Q,C,W $19.49 **S**

253217. Cunningham, Kevin. Toys: From Concept To Consumer. 2014 Find out what it takes to create the next big thing at the toy store. (10-13) B,L $13.95 **T,E**

261453. Davies, Nicola. Deadly!: The Truth About The Most Dangerous Creatures On Earth. 2013 Lions and scorpions and lethal little jellyfish. A fascinating look at nature's fiercest creatures. (08-12) B,K,L,Q+,M,C,W $18.11 **S**

261493. Davies, Nicola. Talk, Talk, Squawk!: A Human's Guide To Animal Communication. 2011 How does a stink bug flirt, a bee give orders, or a panda say "back off?" A must-have guide to messaging, animal-style. (08-12) B,K,L,Q+,M,C,W $18.11 **S**

265688. DeCristofano, Carolyn Cinami. Black Hole Is Not A Hole. 2012 Find out what black holes are, what causes them, and how scientists first discovered them. (09-12) B+,K,L+,Q+,M+ $20.89 **S**

268291. Deem, James M. Faces From The Past: Forgotten People Of North America. 2012 When centuries-old skeletons are unearthed, scientists rely on specialized artists to reconstruct forgotten faces of the past. (12-16) B+,K+,L,Q+,M,C $20.91 **S,T**

300311. Eamer, Claire. World In Your Lunch Box. 2012 Explore a week's worth of lunches--from apples to pizza--by taking a romp through thousands of years of food history. (08-11) B,K,L $18.09 **S**

304537. Einhorn, Edward (Edward Arthur) Fractions In Disguise. 2014 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. (07-10) B,K+,L,Q $13.10 **M**

312056. Enz, Tammy. Repurpose It: Invent New Uses For Old Stuff. 2012 Explains the principles of inventing and provides photo-illustrated instructions for making a variety of projects that recycle and reuse materials. (08-12) B,L $20.68 **S,T,E**

328404. Felix, Rebecca. 12 Things To Know About Fracking. 2015 Explores twelve things to know about fracking, including amazing facts about key players and technologies. (08-12) B,L $27.57 **T**

341129. Fleming, Candace. Amelia Lost: The Life And Disappearance Of Amelia Earhart. 2011 A riveting look at the life, disappearance, and search for legendary aviatrix, Amelia Earhart. (08-12) B,K+,L+,Q+,M+,C+,W $21.61 **S,T**

345123. Forbes, Scott. How To Make A Planet: A Step-By-Step Guide To Building The Earth. 2014 Readers will learn about everything that needed to happen for Earth to become the incredible, life-sustaining, one-in-a-billion planet it is today. (08-12) B,K,L,Q,W $20.19 **S,T,E**

349664. Fradin, Judith Bloom. Tornado!: The Story Behind These Twisting, Turning, Spinning, And Spiraling Storms. 2011 Explains the human experience of tornadoes, why they happen, and how to keep people safe. (10-14) B,L,Q $19.49 **S**

361180. Frydenborg, Kay. Chocolate: Sweet Science And Dark Secrets Of The World's Favorite Treat. 2015 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. (12-16) B,K,L+,W $20.91 **S**

361194. Frydenborg, Kay. Wild Horse Scientists. 2012 Meet a team of scientists who have devoted their professional careers to unraveling the mysteries of the wild horses. (10-14) B+,K+,L,Q+,M,C $20.91 **S**

380711. Gish, Melissa. Piranhas. 2013 Discusses piranhas, including habitats, physical characteristics, behaviors, relationships with humans, and feared status in the world today. (10-14) B,L $25.81 **S**

394346. Gray, Susan Heinrichs. Geology: The Study Of Rocks. 2012 Discover how geologists study rocks to learn more about Earth, from how it was formed to how it has grown and changed over millions of years. (08-10) B,L $13.05 **S,T**

394349. Gray, Susan Heinrichs. Paleontology: The Study Of Prehistoric Life. 2012 Discover how paleontologists dig deep to discover these remains and how they use them to learn more about the plants and animals that once covered the planet. (08-10) B,L $13.05 **S,T**

598832. Green, Dan. Elements. 2012 What are we made of? What keeps us and our universe in motion? Everything we are, and see around us, and create, is made up of a little over 90 elements. (10-14) B,L $18.81 **S**

410452 Hague, Bradley. Alien Deep: Revealing The Mysterious Living World At The Bottom Of The Ocean. 2012 As scientists delve into the mysterious depths of the ocean, children will be able to see the new methods and technology that oceanographers use to conduct research. (08-12) B,L,Q $20.19 **S,T**

439971. Heos, Bridget. Stronger Than Steel: Spider Silk DNA And The Quest For Better Bulletproof Vests, Sutures, And Parachute Rope. 2013 Examines golden orb weaver spiders & genetically engineered goats, whose milk contains proteins to spin spider silk-- & to weave a nearly indestructible fiber. This material might someday be used to repair or replace human ligaments & bones, improve body armor, strengthen parachute rope, & tether an airplane to an aircraft carrier! (10-14) B,K,L,Q,C,W+ $20.91 **S,T,E**

443156. Hicks, Kelli L. I Can Prove It!: Investigating Science. 2013 Gives detailed information on every step a scientist goes through using the scientific method of conducting an experiment, from hypothesis to communicating the results. (08-11) B,L $20.89 **S,T**

450943. Hoena, B.A. Everything Dinosaurs. 2014 Explore the fascinating world of dinosaurs, meeting prehistoric creatures as tall as houses, and others that were as tiny as chickens. (09-13) B,L,Q $16.71 **S**

462728. Hoose, Phillip M. Moonbird: A Year On The Wind With The Great Survivor B95. 2012 The extraordinary story of one bird's strength, adaptability, and determination in the face of the challenges that push his species toward extinction. (12-16) B+,K+,L+,Q+,M+,C+,W+ $23.01 **S**

467333. Hoyt, Erich. Weird Sea Creatures. 2013 Illustrated guide to sea life, particularly those organisms of the deep sea, including the carnivorous comb jelly, lantern-carrying deep-sea dragonfish, jewel squid, and dancing jellyfish. (10-13) B,K,L+ $14.90 **S**

489958. Jarrow, Gail. Fatal Fever: Tracking Down Typhoid Mary. 2015 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. (10-14) B+,K+,L+,M,C,W+ $19.49 **S**

496951. Johnson, Rebecca L. When Lunch Fights Back: Wickedly Clever Animal Defenses. 2015 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. (10-14) B,K+,L,Q,C $26.24 **S**

503830. Juettner Fernandes, Bonnie. Large Hadron Collider. 2014 Describes the struggles and accomplishments in building the Hadron Super Collider, the tool that scientists use to understand how the universe first began. (08-11) B,L,Q $21.59 **S,T,E**

506366. Kamkwamba, William. Boy Who Harnessed The Wind. 2015 A novel about the inspiring true story of a Malawi teenager who brought electricity to his struggling village. (10-14) B,K+,L+,M $19.51 **S,T**

517090. Kidder, Tracy. Mountains Beyond Mountains: The Quest Of Dr. Paul Farmer, A Man Who Would Cure The World. 2013 Meet a Harvard-educated doctor with a self-proclaimed mission to transform healthcare on a global scale. (12-16) B,K+,L,Q+,M $19.51 **S,T**

533245. Krull, Kathleen. Benjamin Franklin. 2013 Sheds new light on Benjamin Franklin--who considered science his true calling in life, not nation building--in this perceptive, fair-minded portrait. (10-14) B,L,Q+,M,C $18.81 **S,T**

533292. Krull, Kathleen. Lives Of The Scientists: Experiments, Explosions (And What The Neighbors Thought) 2013 With juicy tidbits about everything from favorite food to first loves, these famous scientists are revealed as curious, bold, sometimes eccentric--and anything but dull! (09-12) B,K,L,Q+,M,C $22.31 **S,T**

543622. Larson, Jeanette. Hummingbirds: Facts And Folklore From The Americas. 2011 Information about the biology of hummingbirds is woven together with hummingbird folklore from the Americas. (09-11) B,K,L,Q $14.40 **S**

556224. Lee, Dora. Biomimicry. 2011 Biomimicry examines nature's models, systems, processes and elements to emulate or take inspiration from them in order to solve human problems. Gives an overview of the new field of biomimicry. (08-12) B,K,L,Q $20.89 **S**

588199. Lourie, Peter. Polar Bear Scientists. 2012 Follow scientists as they scan the vast Alaskan wilderness for these amazing creatures. (10-14) B,K-,L,Q+,M $20.91 **S,T**

596847. Mahaney, Ian F. Math At The Bank: Place Value And Properties Of Operations. 2013 Explores place value, base-ten, fact families and more, all while exploring problems related to the bank. (07-11) L $23.44 **M**

596845. Mahaney, Ian F. Math In The Kitchen: Fractions. 2013 Learn to cook using math in the kitchen, including measuring, dividing, doubling recipes, mastering fractions, and more. (07-11) L $23.44 **M**

596846. Mahaney, Ian F. Math With Cars And Trucks: Measurement And Estimation. 2013 Problems involving cars and trucks will get the wheels spinning for young readers to learn about measurement and estimation. (07-11) L $23.44 **M**

602834. Mara, Wil. Deep-Sea Exploration: Science, Technology, Engineering. 2015 Learn about the history of deep sea exploration and find out what it takes to make it in this exciting career field. (10-13) B,L $13.95 **S,T,E**

602853. Mara, Wil. Robotics: From Concept To Consumer. 2015 Learn about the history of robotics and find out what it takes to make it in this exciting career field. (10-13) B,L $13.95 **T,E**

603760. Markle, Sandra. Case Of The Vanishing Golden Frogs: A Scientific Mystery. 2012 Readers will travel to Panama and follow a scientific team studying why golden frogs are disappearing and what can be done to help them. (09-12) B+,K,L,Q $28.11 **S,T**

603758. Markle, Sandra. Case Of The Vanishing Honeybees: A Scientific Mystery. 2014 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. (09-13) B,K,L,Q,C $28.11 **S,T**

603757. Markle, Sandra. Case Of The Vanishing Little Brown Bats: A Scientific Mystery. 2015 In this real-life science mystery, readers will follow scientific teams studying why little brown bats are disappearing. Follow along as scientists discover the mysterious killer and race against time to find a way to stop it before it kills too many bats worldwide. (10-14) B,K,L,Q,C $28.11 **S**

603829. Markle, Sandra. Mites: Master Sneaks. 2012 Explains how mites are similar to and different from other arachnids, including details about their bodies both inside and out, and how quickly a few mites can multiply into hundreds. (09-14) B,L,Q $28.11 **S**

603854. Markle, Sandra. Wind Scorpions: Killer Jaws. 2012 Explains how wind scorpions are similar to and different from other arachnids, including details about their bodies both inside and out, and how they are able to pick up prey and eat it. (09-14) B,L,Q $28.11 **S**

610514. Mason, Adrienne. Planet Ark: Preserving Earth's Biodiversity. 2013 Uses the metaphor of an ark to explain why biodiversity is important to the survival of living things, including us. (08-12) B,K,L,Q,W+ $20.89 S,E

639873. Metz, Lorijo. Using Rulers And Tape Measures. 2013 An introduction to tape measures and rulers, including understanding how these tools are used in a science context. Also offers experiments for hands-on learning. (07-10) L $23.44 **T,M**

652312. Montgomery, Sy. Chasing Cheetahs: The Race To Save Africa's Fastest Cat. 2014 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. (10-14) B,K+,L+,Q+,M,C $20.91 **S,T**

652358. Montgomery, Sy. Tapir Scientist. 2013 Introduces young readers to one of the weirdest and most fascinating animals on the planet and recounts the extraordinary work of the dedicated scientists trying to save them. (10-14) B+,K+,L+,Q+,M,C,W+ $20.91 **S,T**

652366. Montgomery, Sy. Temple Grandin: How The Girl Who Loved Cows Embraced Autism And Changed The World. 2012 An authorized biography about Temple Grandin's life with autism and her groundbreaking work as a scientist. (09-12) B,K,L+,Q+,M $20.21 **S,T,E**

663480. Mulder, Michelle. Pedal It!: How Bicycles Are Changing The World. 2013 Celebrates the bicycle, from the very first boneshakers to the sleek racing bikes of today. (08-12) B,K,L,Q,C $21.59 **T,E**

665109. Murphy, Jim. Invincible Microbe: Tuberculosis And The Never-Ending Search For A Cure. 2012 A graphic thoroughly researched account of tuberculosis, a deadly, mysterious, and apparently unstoppable disease. (09-12) B+,K+,L,Q+,M $20.21 **S**

665484. Murray, Stuart. Score With Basketball Math. 2013 Learn and review math skills while also learning about the history of basketball. (08-11) L,Q $24.37 **M**

671888. Neuschwander, Cindy. Sir Cumference And The Off-The-Charts Dessert: A Math Adventure. 2013 When Sir Cumference and Lady Di of Ameter invite two bakers to compete for the honor of baking the annual Harvest Sweet, the bakers must figure out a way to chart whose treats are the favorites. (08-11) K,Q $13.10 **M**

482676. O'Connell, Caitlin. Elephant Scientist. 2011 A scientist studies elephants in the Namibia desert. (09-12) B,L,Q+,M $20.21 **S,T**

690396. O'Neill, Terence. 3D Printing. 2014 An introduction to 3D printers, including new processes, integrating visual information with text, and learning technical word meanings while discovering how 3D printers work and how makers are using them today. (10-14) B,L $21.59 **T,E**

694125. Otfinoski, Steven. Air Travel: Science, Technology, Engineering. 2015 Learn about the history of air travel and find out what it takes to make it in this exciting career field. (10-13) B,L $13.95 **S,T,E**

694142. Ottaviani, Jim. Primates: The Fearless Science Of Jane Goodall, Dian Fossey, And Birute Galdikas. 2013 This is the true story of three scientists who risked their lives for research that forever changed the way we think of primates. In graphic novel format. (12-18) B,K,L,Q+,M,C $21.61 **S**

733510. Pringle, Laurence. Ice!: The Amazing History Of The Ice Business. 2012 Describes the key inventions and ideas that helped the ice business flourish before refrigeration was invented. (08-12) B,K+,L,Q,C $20.19 **S,T,E**

733543. Pringle, Laurence. Scorpions! 2013 Vivid descriptions of scorpions' life cycle, body structure, and habitat. Explore one of nature's feared and misunderstood creatures. (08-11) B,K,L,Q,M $19.49 **S**

771837. Rusch, Elizabeth. Mighty Mars Rovers: The Incredible Adventures Of Spirit And Opportunity. 2012 Takes readers behind the scenes to see Steve Squyres and the other scientists behind Spirit and Opportunity, the twin vehicles who have been cruising around the red planet since 2003. (10-14) B+,K+,L,Q+,M+,C $20.91 **S,T,E**

809560. Sheinkin, Steve. Bomb: The Race To Build-And Steal-The World's Most Dangerous Weapon. 2012 A gripping narrative of the race between countries, spies, and scientists to create the first atomic bomb. (12-16) B,K+,L+,Q+,M+,C+,W+ $21.61 **S,T,E**

819632. Silvey, Anita. Plant Hunters: True Stories Of Their Daring Adventures To The Far Corners Of The Earth. 2012 Introduces us to the nineteenth-century plant hunters whose discoveries became the basis for the development of botany. (08-12) B,K,L,Q,CA $21.61 **S**

820359. Simon, Seymour. Seymour Simon's Extreme Oceans. 2013 Invites readers on an exciting, and sometimes unbelievable, scientific expedition of Earth's most amazing ocean records. (10-13) B,K,L,Q,W $20.21 **S**

824678. Sloan, Christopher. Tracking Tyrannosaurs: Meet T. Rex's Fascinating Family, From Tiny Terrors To Feathered Giants. 2013 Explains to kids how T. rex, the most famous, ferocious dinosaur of all time, was only one of many tyrannosaurs that lived on Earth for over 100 million years. (11-14) B,L,Q $20.89 **S**

831747. Sneed, Dani. Man Who Invented The Ferris Wheel: The Genius Of George Ferris. 2014 George Washington Gale Ferris, Jr. was an American engineer, most famous for creating the original Ferris Wheel for the 1893 Chicago World's Columbian Exposition. (08-11) B,L,Q $25.31 **T,E**

868651. Swinburne, Stephen R. Sea Turtle Scientist. 2014 Explores the leatherback sea turtle's remarkable natural history and recounts the extraordinary efforts by scientists trying to save them. (10-14) B,L+,Q+,M,C $20.91 **S,T**

879070. Thimmesh, Catherine. Scaly Spotted Feathered Frilled: How Do We Know What Dinosaurs Really Looked Like? 2013 Unravels the mystery of how we bring to life a creature that no one has ever seen before--the gone-but-never-forgotten dinosaurs. (09-12) B,K,L+,Q+,M+,CA $20.21 **S,T**

879301. Thomas, Peggy. For The Birds: The Life Of Roger Tory Peterson. 2011 A bird-crazy kid with an artist's eye grows up and introduces the world to the joys of bird watching. (08-12) B,K,L,Q,W $19.49 **S**

894192. Turner, Pamela S. Dolphins Of Shark Bay. 2013 We go with a marine biologist to Australia to follow dolphins in the wild so we can figure out what makes dolphins intelligent. (10-14) B,K+,L,Q+,M,C+ $20.91 **S,T**

964352. Woodford, Chris. Distance. 2013 Provides information about our present system of measuring distance, including the tools used to calculate it, and more. (09-12) L $14.97 **T,M**

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Reviews and Reading Program Abbreviations

B	Booklist
C	Bulletin of the Center for Children's Books
K	Kirkus Reviews
L	School Library Journal
M	Horn Book
Q	Horn Book Guide
W	Publishers Weekly
+	Starred review

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