



## Bound to Stay Bound Books

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### Cream of the Crop



## Ecosystems And The Environment Meets the Common Core and Texas State Standards (TEKS and CSCOPE)

### Nonfiction For Younger Readers

**Cherry, Lynne. Great Kapok Tree: A Tale Of The Amazon Rain Forest. (210145)** The many different animals that live in a great kapok tree in the Brazilian rain forest try to convince a man not to cut down their home. (04-08) Gulliver 2000 B,K,L (AR/RC) \$13.36 CCSS TX

**Chin, Jason. Coral Reefs. (211478)** il. An ordinary trip to the library becomes an extraordinary trip to the depths of the coral reefs. (05-09) Flash Point 2011 B,K+,L,Q+,M,C,W (AR/RC) \$19.51 CCSS TX

**Clark, Stacy. When The Wind Blows. (218215)** Sneed, Brad il. 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) Holiday House 2015 B,K,L \$19.49

**Danneberg, Julie. John Muir Wrestles A Waterfall. (257074)** Hogan, Jamie il. Depicts the night in 1871 that environmentalist John Muir climbed up beside Yosemite Falls, slipped behind the crashing water, and momentarily wondered if he'd survive. (06-08) Charlesbridge 2015 B,K,L,Q,W \$19.49

**Gray, Rita. Flowers Are Calling. (394343)** Pak, Kenard il. Explores the wonders of natural cooperation between plants, animals and insects, as they each play their part in the forest's cycle of life. (04-08) Houghton 2015 K,Q,W (AR) \$19.51

**Gray, Susan Heinrichs. Ecology: The Study Of Ecosystems. (394338)** il. Discover how ecologists study the relationships between living things, climates, and Earth itself. (08-10) Children's 2012 L (AR/RC) \$13.05 CCSS TX

**Hughes, Catherine D. First Big Book Of The Ocean. (469969)** il. An animal reference that includes the sea's high-interest animals, such as dolphins, sharks, sea otters, and penguins, and introduces kids to some of its lesser-known creatures. (07-10) National Geographic 2013 K+,L,Q,W (AR/RC) \$18.09 CCSS TX

**Jenson-Elliott, Cynthia L. Weeds Find A Way. (491322)** Fisher, Carolyn il. Describes some of the ways that weeds live and grow in the most hostile environments, such as a tangle of tree roots or a crack in the cellar of an old house, where other plants cannot thrive. (04-08) Beach Lane 2014 K,L,Q,W \$19.51 CCSS

**Kostecki-Shaw, Jenny Sue. Luna & Me: The True Story Of A Girl Who Lived In A Tree To Save A Forest. (530138)** il. Social activism combines with environmentalism in this picture book bio of Julia Butterfly Hill and Luna, the thousand-year-old redwood tree whose life she saved. (06-09) Holt 2015 K,L,Q,W \$20.91

**Leedy, Loreen. Amazing Plant Powers: How Plants Fly, Fight, Hide, Hunt, & Change The World. (557314)** il. From protecting themselves from forest fires to surviving in hostile environments that are numbingly cold, presents the impressive range of adaptations plants have developed. (05-08) Holiday House 2015 K-,L,Q (AR/RC) \$20.19 CCSS

**Lewin, Ted. What Am I? Where Am I? (568446)** il. 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) Holiday House 2013 B,K,L,Q (AR) \$13.42 TX

**Markle, Sandra. Waiting For Ice. (603828)** Marks, Alan il. 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) Charlesbridge 2012 B,K,L,Q (AR) \$18.79 CCSS TX

**Patkau, Karen. Who Needs A Desert?: A Desert Ecosystem. (703487)** il. Takes readers on an amazing voyage of discovery to find out how deserts are formed, where deserts are found, what wildlife thrives there, and much more. (07-10) Tundra 2014 B \$20.21

**Patkau, Karen. Who Needs A Prairie?: A Grassland Ecosystem. (703488)** il. Takes readers on an amazing voyage of discovery to





find out how wild and rugged prairies become grasslands, what wildlife and plants thrive in large open spaces, why we need prairies, and much more. (07-10) Tundra 2014 B \$20.21

**Patkau, Karen. Who Needs A Reef?: A Coral Ecosystem. (703489)** il. Takes readers on an amazing voyage of discovery to find out how coral reefs form, which plants and animals attach themselves to coral reefs, where the coral reef areas of the world are, and much more. (07-10) Tundra 2014 B \$20.21

**Paul, Miranda. One Plastic Bag: Isatou Ceesay And The Recycling Women Of The Gambia. (704210)** Zunon, Elizabeth il. When Isatou Ceesay found a way to recycle plastic bags that were polluting the streets and waterways of Njau, Gambia, she transformed her entire community. (05-08) Millbrook 2015 B,K,L+,Q+,M,W (AR/RC) \$21.61 CCSS

**Rabinowitz, Alan. Boy And A Jaguar. (736843)** Chien, Catia il. The author recounts his life of overcoming his stutter as he searches for his voice and fulfills a promise to speak for animals, and people, who cannot speak for themselves. (04-08) Houghton 2014 B,K+,L,Q,C,W+ (AR/RC) \$19.51 CCSS

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

**Roth, Susan L. Parrots Over Puerto Rico. (767474)** il. 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) Lee & Low 2013 B+,K+,L+,Q+,M+,C,W+ (AR/RC) \$21.59 CCSS

**Sill, Cathryn P. About Habitats: Deserts. (817209)** Sill, John il. 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) Peachtree 2012 B,L,Q \$13.90 CCSS TX

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

**Sill, Cathryn P. About Habitats: Grasslands. (817242)** Sill, John il. Explores the major attributes of the grassland biome, and showcasing their beauty and diversity using examples from around the globe. (03-07) Peachtree 2011 B,Q \$19.49 CCSS TX

Set S34990 \_\_\_\_\_ 22 Books @ \$413.13

## Nonfiction For Older Readers

**Allen, Kathy. Wind Power. (053947)** il. An introduction to wind power, including history, how we use wind power today, and how we may use the wind as an energy source in the future. (09-13) Cherry Lake 2013 L (AR) \$21.59 CCSS TX

**Bell, Samantha. 12 Amphibians Back From The Brink. (106243)** il. Introduces twelve amphibians that were on the brink of extinction and made an amazing comeback, including facts about their habitat, diet, reasons why the species were threatened and the science behind the work that helped them survive. (08-12) Amicus 2015 L (AR) \$27.57 CCSS

**Bell, Samantha. 12 Reptiles Back From The Brink. (106246)** il. Introduces twelve reptiles that were on the brink of extinction and made an amazing comeback, including facts about their habitat, diet, reasons why the species were threatened and the science behind the work that helped save them. (08-12) Amicus 2015 L (AR) \$27.57 CCSS

**Breitrose, Prudence E. Mousenet. (148395)** Yue, Stephanie il. Sent to live with her chef father and his wife in Oregon, Megan is lonely until she works with computer-savvy mice to save Mouse Nation--and the planet. (08-12) Hyperion 2011 B,K,L,Q,C,W (AR/RC) \$19.51 CCSS

**Eboch, M. M. 12 Biggest Breakthroughs In Energy Technology. (302544)** il. Introduces twelve of the most influential moments in the development of energy technology including information about key players and the science behind each breakthrough. (08-12) Amicus 2015 L (AR) \$27.57 CCSS

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

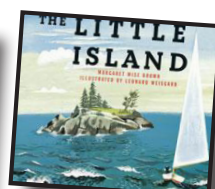
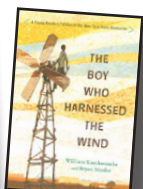
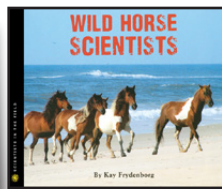
**Fertig, Dennis. Sylvia Earle: Ocean Explorer. (333334)** il. This book takes an engaging look at the work of ground-breaking conservationist, Sylvia Earle, and her work to protect oceans and ocean life. It covers Earle's inspiration, her methods, findings, and the impact of her work. (08-12) Heinemann 2015 B (AR/RC) \$23.62 CCSS

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

**Furstinger, Nancy. 12 Birds Back From The Brink. (362072)** il. Introduces twelve birds that were on the brink of extinction and made an amazing comeback, including facts about







their habitat, diet, reasons why the species were threatened and the science behind the work that helped them survive. (08-12) Amicus 2015 L (AR) \$27.57 CCSS

**Greenaway, Theresa. Jungle. (397542)** Describes and illustrates the structural complexity of one of the world's most valuable ecosystems. (10-14) DK Publishing 2009 (RC) \$19.51 CCSS TX

**Hiaasen, Carl. Chomp. (442866)** When a reality TV star disappears while filming in the Florida Everglades, Wahoo and classmate Tuna try to find him while avoiding Tuna's gun-happy father. (10-14) Knopf 2012 K+,L+,Q+,M,C,W (AR/RC) \$19.51 CCSS

**Hile, Lori. Rachel Carson: Environmental Pioneer. (444153)** il. This book takes an engaging look at the work of ground-breaking conservationist, Rachel Carson, and her work to uncover the dangers of pesticides. It covers Carson's inspiration, her methods, findings, and the impact of her work on the environmental movement. (08-12) Heinemann 2015 B (AR) \$23.62 CCSS

**Kallio, Jamie. 12 Things To Know About Climate Change. (505858)** il. Explores twelve things to know about climate change, including amazing facts along with key players and innovations. (08-12) Amicus 2015 L (AR) \$27.57 CCSS

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

**Kid's Guide To Exploring Nature. (517102)** il. Children will learn how to observe environments as a naturalist does, then delve into twenty-four guided adventures that show the complex ecosystems of plants and animals in the woods, at the beach, and in a city park. (08-12) Brooklyn Botanic Garden 2014 L,W \$19.49 CCSS

**Marsico, Katie. Stinky Sanitation Inventions. (605617)** il. Get ready to learn the odd stories behind inventions you use every day. You'll find out how we got the sanitation inventions that keep us healthy and keep the world smelling fresh. (08-12) Lerner 2014 B,L (AR/RC) \$26.24 TX

**Newman, Patricia. Plastic, Ahoy!: Investigating The Great Pacific Garbage Patch. (674962)** Crawley, Annie il. Follows the scientists studying the massive accumulation of plastic in the Pacific Ocean known as the Great Pacific Garbage Patch. (08-12) Millbrook 2014 B,K+,L,Q,CA (AR/RC) \$29.04

**Patent, Dorothy Hinshaw. Call Of The Osprey. (703324)** Munoz, William il. A stunning addition to the Scientists in the Field series that explores

mercury pollution found in the rivers and streams of Western Montana that might cause harm to humans--and the extinction of the entire osprey species. (10-14) Houghton 2015 B,K,L,M,C (AR) \$20.91 CCSS

**Rusch, Elizabeth. Next Wave: The Quest To Harness The Power Of The Oceans. (771841)** il. The electrifying story of the surfer scientists and engineers who are working to transform ocean waves into electricity that energizes our lives. (10-14) Houghton 2014 K+,L+,Q,M,C (AR/RC) \$20.91 CCSS

**Set S34991 \_\_\_\_\_ 19 Books @ \$442.90**

### Fiction For Younger Readers

**Barrows, Annie. Ivy And Bean What's The Big Idea? (093857)** Blackall, Sophie il. When the second graders enter the science fair with a global warming theme, Ivy and Bean team up for an unusual project. (06-10) Chronicle 2010 Q+,M (AR/RC) \$18.11 CCSS

**Base, Graeme. Water Hole. (095332)** As ever-growing numbers of animals visit a watering hole introducing the numbers from one to ten, the water dwindles. (04-08) Abrams 2001 B,K,L,Q (AR/RC) \$21.59 CCSS TX

**Branford, Anna. Violet Mackerel's Pocket Protest. (145531)** Allen, Elanna il. Violet and Rose organize a protest to save the big oak tree in Clover Park. (06-10) Atheneum 2014 B,K,L,Q (AR/RC) \$20.21

**Brown, Margaret Wise. Little Island. (592624)** Depicts the changes that occur on a small island as the seasons come and go, as day changes to night, and as a storm approaches. (02-06) Random 2004 B,K (AR/RC) \$13.07 CCSS TX

**Brown, Marc Tolon. Arthur Turns Green. (158226)** il. When Arthur starts talking about his school project involving a Big Green Machine, D.W. imagines a scary contraption that will turn everyone green. (03-06) Little 2014 B,K,L,Q,W (AR/RC) \$12.72 CCSS

**Cline-Ransome, Lesa. Whale Trails, Before And Now. (222879)** Karas, G. Brian il. A young girl helps her father, the captain of a whale boat, on a whale-watching trip and relates how her ancestors hunted whales in the same waters. Includes information on the history of whaling, whale-watching, and the conservation movement to ensure the safety of whales. (05-09) Holt 2015 B,K+,L,Q,C,W (AR) \$20.21

**Cole, Joanna. Magic School Bus And The Climate Challenge. (229398)** Degen, Bruce il. All the facts on global warming, so kids can understand the crisis and how they can help solve it. (07-10) Scholastic 2014 B,K,L,Q+,M (AR/RC) \$13.42 CCSS TX

**De Groat, Diane. *Ants In Your Pants, Worms In Your Plants! (Gilbert Goes Green)* (268701)** il. Gilbert seems to be the only one in his class who cannot think of any ideas for an Earth Day project. (04-08) Harper 2011 B,L,Q,W (AR) \$19.51 CCSS

**Kann, Victoria. *Emeraldalicious*. (506698)** il. Recycling magic turns a garbage-filled park into a "greentastic" garden. (05-08) Harper 2013 L,Q (AR) \$20.21 TX

**Lyon, George Ella. *What Forest Knows*. (591366)** Hall, August il. Follows the changing seasons in a forest as trees and animals are nourished and are dependent on each other. (04-08) Atheneum 2014 B,K,L,Q,W \$20.21

**McDonald, Megan. *Judy Moody Saves The World!* (623499)** Judy Moody inspires her third-grade class to undertake an award-winning, environment-saving project. (06-09) Candlewick 2010 B,K,Q (AR/RC) \$12.62 CCSS TX

**McMullan, Kate. *I Stink!* (629675)** A big city garbage truck makes its rounds, consuming everything from apple cores and banana peels to leftover ziti with zucchini. (04-08) Harper 2002 B,L+,Q+,M+,C+ (AR/RC) \$13.42 CCSS TX

**McPhail, David. *Family Tree*. (630905)** il. In the 1800s, a man clearing land in a beautiful forest to build a home leaves one special tree, but many years later the tree is in trouble, and the man's great-great grandson enlists a host of animal friends to try to save it. (04-08) Holt 2012 B,K,L,Q,CA,W (AR) \$19.51 CCSS

**Messner, Kate. *Marty McGuire Digs Worms!* (639781)** Floca, Brian il. With help from her Grandma Barb, Marty builds a habitat for worms in her school cafeteria as part of the Save the Earth Project. (07-10) Scholastic 2012 K+,L,Q (AR) \$12.62 CCSS TX

**Miller, Edward. *Recycling Day*. (646389)** il. Bugs happily living in an empty lot are in trouble when a gang of rats moves in and takes over, but when a group of volunteers arrives to clean up, not only do the bugs get their lot back, they learn about recycling, composting, and garbage dumps. (04-08) Holiday House 2014 K,L,Q (AR/RC) \$19.49 CCSS

**Seuss, Dr. *Lorax*. (802612)** The Once-ler describes the results of the local pollution problem. (04-08) Random 1971 K,L (AR/RC) \$18.09 CCSS TX

**Sierra, Judy. *E-I-E-I-O*. (817182)** Myers, Matthew il. Under the direction of the wise (and ecologically sensitive) Little Red Hen, Mac learns to look at the environment in a very different way. (04-08) Candlewick 2014 B,K,L,Q,W+ (AR/RC) \$19.51 CCSS

**Taback, Simms. *Joseph Had A Little Overcoat*. (870781)** A very old overcoat is recycled numerous times into a variety of garments. (03-08) Viking 1999 B,L+,M,C (AR/RC) \$19.51 CCSS TX

**Van Allsburg, Chris. *Just A Dream*. (902227)** When he has a dream about a future Earth devastated by pollution, Walter begins to understand the importance of taking care of the

environment. (05-08) Houghton 1990 B,K,L-,M-,CA (AR/RC) \$20.89 CCSS TX

**Set S34992 \_\_\_\_\_ 19 Books @ \$334.92**

## **Fiction For Older Readers**

**Breitrose, Prudence E. *Mousemobile*. (148388)** Yue, Stephanie il. Eleven-year-old Megan and her cousin Joey have a summer job working with computer-savvy mice to spread the word about climate change. Megan and Joey find themselves on a cross-country journey to save Mouse Nation, and the planet, from a mysterious enemy. (08-12) Hyperion 2013 K,L,Q (AR/RC) \$19.51

**Farmer, Nancy. *Lord Of Opium*. (325144)** In 2137, fourteen-year-old Matt is stunned to learn that, as the clone of El Patron, he is expected to take over as leader of the corrupt drug empire of Opium, where there is also a hidden cure for the ecological devastation faced by the rest of the world. Sequel to *The House Of The Scorpion*. (14-18) Atheneum 2013 B+,K,L,Q+,M,CA,W+ (AR/RC) \$20.21

**Hiaasen, Carl. *Flush*. (442872)** With their father jailed for sinking a river boat, Noah Underwood and his younger sister, Abbey, must gather evidence that the owner of this floating casino is emptying his bilge tanks into the protected waters around their Florida Keys home. (10-14) Knopf 2005 B,K,L,Q+,M,C (AR/RC) \$19.49 CCSS TX

**Hiaasen, Carl. *Hoot*. (442871)** Roy, who is new to his small Florida community, becomes involved in another boy's attempt to save a colony of burrowing owls from a proposed construction site. (10-16) Knopf 2002 B,K,L-,Q+,C (AR/RC) \$18.79 CCSS TX

**Hobbs, Will. *Never Say Die*. (449166)** Fifteen-year-old half-Inuit Nick and his white brother, Ryan, meet and share an adventure on the Firth River in the Canadian Arctic, facing white water, wild animals, and fierce weather as Ryan documents the effects of climate change on caribou for National Geographic magazine. (10-14) Harper 2013 B,K,L,Q+,M (AR/RC) \$19.51 CCSS

**Ross, Joel N. *Fog Diver*. (765516)** In this futuristic high-stakes adventure, humanity clings to cities on the highest mountain peaks above the deadly Fog, and airships transport the pirates of the skies. Daring 13-year-old tetherboy Chess and his salvage crew must face the dark plans of Lord Kodoc and work to save their beloved Mrs. E. (08-12) Harper 2015 B,K+,L,Q+,C (AR) \$19.51

**Samworth, Kate. *Aviary Wonders Inc.: Spring Catalog And Instruction Manual*. (775513)** il. In a future when deforestation and other environmental factors have caused many bird species to go extinct, businessman Alfred Wallis offers a catalog of parts for creating replacements, from hand-carved beaks to Italian-leather feet. (09-12) Clarion 2014 B+,K+,L,Q,C,W+ \$20.21

**Set S34993 \_\_\_\_\_ 8 Books @ \$156.04**

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