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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) \$13.46 CCSS TX

Drummond, Allan. Green City: How One Community Survived A Tornado And Rebuilt For A Sustainable Future. (290884) il. The story of Greensburg, Kansas, a town that rebuilt completely green after a deadly tornado. (05-08) Farrar 2016 B,K,L,Q+,M+ (AR/RC) \$20.31

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) \$19.61

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) \$13.15 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) \$18.19 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 \$19.61 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 (AR) \$21.01

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) \$20.29 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) \$13.52 TX

Messner, Kate. Tree Of Wonder: The Many Marvelous Lives Of A Rainforest Tree. (639794) Mulazzani, Simona il. A book about the rainforest's abundant beauty and the wonderful multiplicity of life sustained by just one almindro tree. (05-08) Chronicle 2015 B,L,Q (AR) \$19.61 CCSS

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 \$20.31

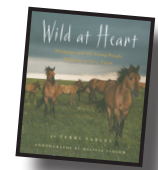
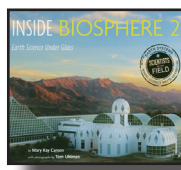
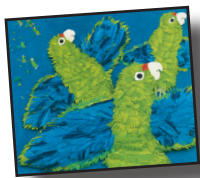
Patkau, Karen. Who Needs A Reef?: A Coral Ecosystem. (703489) il. Takes readers on an amazing voyage of discovery to find out how coral reefs form, which plants and animals attach themselves to coral reefs, where the coral reef areas of the world are, and much more. (07-10) Tundra 2014 B \$20.31

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) \$21.71 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) \$20.31 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) \$21.69 CCSS





Roth, Susan L. *Prairie Dog Song: The Key To Saving North America's Grasslands.* (767477) il. 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. (06-10) Lee & Low 2016 **B,K+,L+,Q+,M,W+** (AR/RC) **\$20.99**

Shores, Erika L. *How Garbage Gets From Trash Cans To Landfills.* (814496) il. Explains how trash gets from homes to landfills or recycling centers and describes the role of the community workers who make it all possible. (04-07) Capstone 2016 **L,Q** (AR) **\$20.45** **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** **\$14.00** **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** (AR) **\$19.59** **CCSS**

Sill, Cathryn P. *About Habitats: Polar Regions.* (817251) Sill, John il. Simple, easy-to-understand language and detailed paintings teach children what the polar regions are and shows how various species of animals and plants have adapted to life in the Arctic and Antarctic biomes. (03-07) Peachtree 2015 **L,Q** (AR) **\$19.59**

Set S34990 _____ 20 Books @ \$377.71

Nonfiction For Older Readers

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) **\$27.67** **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) **\$27.67** **CCSS**

Carson, Mary Kay. *Inside Biosphere 2: Earth Science Under Glass.* (194955) Uhlman, Tom il. In the 1990s, scientists lived inside Biosphere 2 (Biosphere 1 is the Earth itself) for two years, trying to figure out if colonizing Mars would ever be possible. Now scientists don't live there but instead

conduct all sorts of studies and experiments aimed to help us better understand our environment and especially understand what sort of things are happening to it due to climate change and other man-made problems. (10-14) Houghton 2015 **B+,K,L+,Q+,M,C** (AR/RC) **\$21.01**

Farley, Terri. *Wild At Heart: Mustangs And The Young People Fighting To Save Them.* (324912) Farlow, Melissa il. Wild horses thrived for thousands of generations in the mountains, forests, and deserts of the American West. Their family herds existed in environmental harmony until man chose to "manage" them. Since then, every day more of America's wild horses disappear. But courageous people are trying very hard to reverse this, most notably, young people who feel a kinship with these often misunderstood creatures. (10-14) Houghton 2015 **B,K-,L,Q** (AR/RC) **\$21.71**

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) **\$27.67** **CCSS**

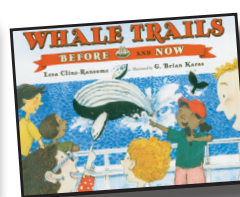
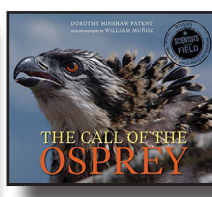
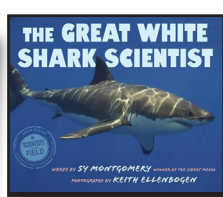
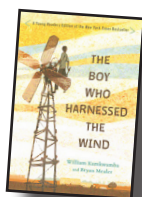
Heos, Bridget. *It's Getting Hot In Here: The Past, Present, And Future Of Global Warming.* (439956) This hard-hitting look at climate change examines the effects it's having across the world, the politics behind denial, and the ways in which we can all work to lessen the harsh effects of our warming world. Perfect for young environmentalists looking to learn about the ways in which we can take action against global warming. (12-16) Houghton 2015 **B,K,L,Q,C,W** (AR) **\$20.31**

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) **\$19.61** **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** (AR/RC) **\$19.61** **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** **\$19.59** **CCSS**

Kyi, Tanya. Lloyd. *Extreme Battlefields: When War Meets The Forces Of Nature.* (535919) Shannon, Drew il. Looks at a range of dramatic historic episodes that have pitted armed forces



against nature. Nature's obstacles have led to crushing defeats, accidental victories, and tactical innovation. (10-13) Annick Press 2016 **B,K,L** \$18.19

Markle, Sandra. Great Monkey Rescue: Saving The Golden Lion Tamarins. (603831) il. A look at the plight of the golden lion tamarin for children. (10-13) Millbrook 2016 **B,K+,L,Q** (AR/RC) \$29.18

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) \$26.34

Montgomery, Sy. Great White Shark Scientist. (652321) Ellenbogen, Keith A. il. Follow Dr. Greg Skomal, biologist and head of the Massachusetts Shark Research Program, as he strives to better understand the habits and habitats of Great Whites in order to save this amazing, if maligned, creature of the deep. (10-12) Houghton 2016 **B+,K+,L+,Q+,M,C,W** (AR) \$21.01

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) \$29.14

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,Q+,M,C** (AR/RC) \$21.01

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) \$21.01

Set S34991 _____ 16 Books @ \$370.73

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) \$18.21

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) \$20.31

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) \$12.82

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) \$13.17

Brown, Monica. Maya's Blanket = La Manta De Maya. (158192) Diaz, David il. When a little girl's cherished baby blanket becomes old and worn, it is made into a dress, and over the years it is made into even smaller and smaller items, eventually ending up as a bookmark and inspiring the creation of a book. In English and Spanish. (05-09) Lee & Low 2015 **K,L+,Q,M,W** (AR) \$20.29

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) \$20.31

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) \$13.52



Davies, Nicola. Manatee Rescue. (261447) Wright, Annabel il. Merges a heart-pounding adventure with the important conservational message of a life-changing--and mind-changing--encounter. (07-10) Candlewick 2015 **B,K,L,Q** (AR/RC) \$18.21



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) \$19.61



Kann, Victoria. Emeraldalicious. (506698) il. Recycling magic turns a garbage-filled park into a "greentastic" garden. (05-08) Harper 2013 **L,Q** (AR) \$20.31


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** \$20.31



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) \$12.72



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) \$13.52  

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) \$12.72  

Seuss, Dr. Lorax. (802612) The Once-ler describes the results of the local pollution problem. (04-08) Random 1971 K,L (AR/RC) \$19.61  



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) \$19.61 



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) \$19.61  


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) \$20.99  

Set S34992 _____ 18 Books @ \$315.85


Fiction For Older Readers

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) \$19.59  

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) \$18.89  

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) \$19.61 

Knight, Mary. (E. Mary) Saving Wonder. (526598) Curley Hines has lost his father, mother, and brother to coal mining, and now he lives with his grandfather in the Appalachian mountains of Wonder Gap, Kentucky--but when the mining company prepares to destroy their mountain he must use the words his grandfather has taught him to save Red Hawk Mountain, even if it means losing the life he loves. (08-12) Scholastic 2016 K-,L,Q,W (AR/RC) \$19.61

Lewis, Gill. One White Dolphin. (568424) Aparicio, Raquel il. When a baby albino dolphin washes ashore, Felix and Kara work with experts to save and reunite the dolphin with her mother. (08-12) Atheneum 2012 B,K,L,Q (AR/RC) \$18.91 



Ross, Joel N. Lost Compass. (765526) Thirteen-year-old tetherboy Chess and his crew may have escaped the slums, but they cannot escape the Fog. When they retreat to the mountaintop sanctuary of Port Oro, they discover that the deadly white mist will soon swallow the entire city. Will the slumkids be able to save Port Oro, or will they run out of time? Sequel to *Fog Diver*. (08-12) Harper 2016 K,Q,C (AR) \$19.61

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+ \$20.31
Set S34993 _____ 7 Books @ \$136.53

(Prices subject to change)

4/17

Reviews and Reading Program Abbreviations

B	Booklist
C	Bulletin of the Center for Children's Books
K	Kirkus Reviews
L	School Library Journal
M	Horn Book
Q	Horn Book Guide
W	Publishers Weekly
+	Starred review
AR	Accelerated Reader® test available
RC	Reading Counts® test available
CCSS 	Common Core State Standards
TEKS 	Texas Essential Knowledge And Skills And CSCOPE

For detailed Common Core or Texas State Standards information visit www.btsb.com

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