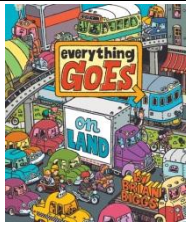


**KINDERGARTEN**

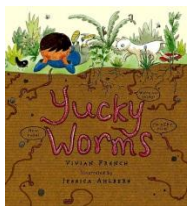


**EVERYTHING GOES ON LAND.** (2011). Brian Biggs. Harper Collins. 55pp. ISBN 0061958093. A boy compares and contrasts various aspects of different vehicles as he rides in a car with his dad. Kindergarten. Standard 1: Physical Science. Observe, manipulate, sort, and generate questions about objects and their physical properties.



**STARS.** (2011). Mary Lyn Ray. Illus. Marla Frazee. Beach Lane Books. 40pp. ISBN 9781442422490. A variety of stars, from those in the sky to those star-shaped objects seen in other places, are described and celebrated. Kindergarten. Standard 2: Earth and Space Science. Observe, record, and recognize patterns and generate questions about night and day and the seasons.

**FIRST GRADE**

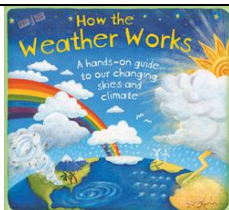


**YUCKY WORMS.** (2011). Vivian French. Illus. Janet Ahlberg. Candlewick. 32pp. ISBN 0763644463. A child learns about the vital role of earthworms while helping grandmother in the garden. Grade 1. Standard 2: Earth and Space Science. Observe, describe, and ask questions about soil components and properties.



**OVER AND UNDER THE SNOW.** (2011). Kate Messner. Illus. Christopher Neal. Chronicle Books. (Grades K-2). 44pp. 9780811867849. A young girl and her dad cross-country ski through the woods and wonder what lies beneath the snow. Grade 1. Standard 3: Life Science. Observe, describe, and ask questions about living things and their relationships to their environments.

**SECOND GRADE**

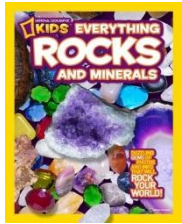


**HOW THE WEATHER WORKS: A HANDS-ON GUIDE TO OUR CHANGING CLIMATE.** (2011). 20 pp. ISBN 9780763652623. Many weather phenomena are explained through pop-ups and other interactive features. Grade 2. Standard 2: Earth and Space Science. Day to day and over the seasons, observe, measure, record and recognize patterns, and ask questions about features of weather.

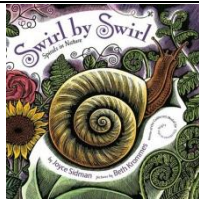


**HATCH!** (2011). Roxie Munro. Marshall Cavendish Books. (Grades K-3). 40pp. ISBN 9780761458821. A variety of habitats are showcased with the types of birds, nests, and eggs found within. Grade 2. Standard 3: Life Science. Observe, ask questions about and describe how organisms change their forms and behaviors during their life cycles.

**THRID GRADE**

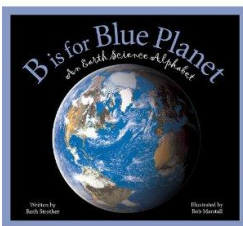


**EVERYTHING ROCKS AND MINERALS.** (2011). National Geographic Kids. 64pp. ISBN 978-1426307683. Vivid photographs help young readers identify and classify rocks and minerals. Grade 3. Standard 2: Earth Science. Observe, describe and identify rocks and minerals by their specific properties.

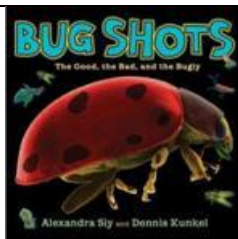


**SWIRL BY SWIRL: SPIRALS IN NATURE.** (2011). Joyce Sidman, Illus. Beth Krommes, Houghton Mifflin Harcourt. 32pp. ISBN 978-0547315836. The beauty and functionality of spirals in plants and animals are explored through rhyme and illustration. Grade 3. Standard 3: Life Science. Observe, describe, and ask questions about plant growth and development.

**FOURTH GRADE**

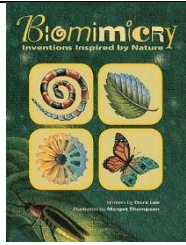


**B IS FOR BLUE PLANET: AN EARTH SCIENCE ALPHABET.** (2011). Ruth Strother. Illus. Bob Marstall. Sleeping Bear Press. (Grades 3-5). 40pp. ISBN 9781585364541. The interplay between natural resources and human interaction is described in simple text while sidebars provide more detailed explanations. Grade 4. Standard 2: Earth Science. Describe how the supply of natural resources is limited and investigate ways that humans protect and harm the environment.

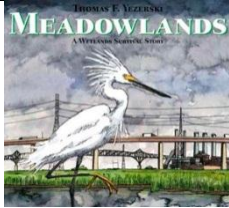


**BUG SHOTS: THE GOOD, THE BAD, AND THE BUGLY.** (2011). Alexandra Siy and Dennis Kunkel. Holiday House. (Grades 3-6). 40pp. ISBN 9780823422869. Micro-photography reveals insects' intricate structures and how they are suited to their habitats. Grade 4. Standard 3: Life Science. Observe, describe, and ask questions about structures of organisms and how they affect their growth and survival.

**FIFTH GRADE**

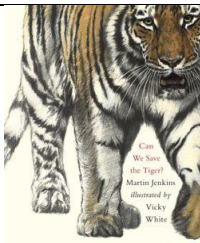


**BIOMIMICRY: INVENTIONS INSPIRED BY NATURE.** (2011). Dora Lee. Illus. Margot Thompson. Kids Can Press. (Grades 4-8). 40pp. ISBN 9781554534678. See how man-made inventions often imitate form and function found in nature. Grade 5. Standard 4: Science, Engineering, Technology. Design a prototype that replaces a function of a human body part.

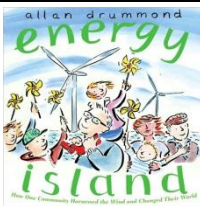


**MEADOWLANDS: A WETLANDS SURVIVAL STORY.** (2011). Thomas Yezerski. Farrar Straus & Giroux. SG. (Grades 3-6). 34pp. ISBN 9780374349134. The Hackensack Meadowlands in New Jersey were nearly killed by urban sprawl until environmentalists made people aware of their importance. Grade 5. Standard 3: Life Science. Observe, describe and ask questions about how changes in one part of an ecosystem create changes in other parts of the ecosystem.

**SIXTH GRADE**



**CAN WE SAVE THE TIGER?** (2011). Martin Jenkins. Illus. Vicky White. Candlewick Press. (Grades 3-5). 56pp. ISBN 9780763649098. A conservationist explains the plights of several endangered animals and what is being done to save them. Grade 6. Standard 3: Life Science. Describe that all organisms, including humans, are part of complex systems found in all biomes.



**ENERGY ISLAND: HOW ONE COMMUNITY HARNESSSED THE WIND AND CHANGED THEIR WORLD.** (2011). Allan Drummond. Farrar, Straus, Giroux. (Grades 2-5). 40pp. 9780374321840. Learn how an island in Denmark used the wind to reduce their dependence on oil. Grade 6. Standard 1: Physical Science. Understand that there are different forms of energy with unique characteristics.

#### HONORABLE MENTION - PRIMARY

- *ALL THE WATER IN THE WORLD.* (2011). George Ella Lyon. Illus. Katherine Tillotson. Atheneum. (Grades K-2). 40pp. ISBN 9781416971306. A poetic explanation of the water cycle.
- *EVEN AN OCTOPUS NEEDS A HOME.* (2011). Irene Kelly. Holiday House. (Grades K-3). 32pp. ISBN 9780823422357. Many different locations -- from trees, to caves, to burrows, to oceans -- provide homes for various creatures. Readers see how each habitat makes a perfect home for that organism.
- *ME...JANE.* (2011). Patrick McDonnell. Little, Brown and Co. (Grades K-2). 40pp. 978-0316045469. A child-friendly biography of Dr. Jane Goodall and her work with chimpanzees.
- *WOW! OCEAN.* (2011). Robert Neubecker. Hyperion. (Grades K-2). 40pp. ISBN 9781423131137. Explorations of an ocean habitat prompt young children to say "WOW" at every discovery.

#### HONORABLE MENTION - INTERMEDIATE

- *A BUTTERFLY IS PATIENT.* (2011). Dianna Hutts Aston. Illus. Sylvia Long. Chronicle Books. (Grades 2-5). 40pp. ISBN 9780811864794. Intricate illustrations portray the butterfly's life cycle and its habitat.
- *DESERT ELEPHANTS.* (2011.) Helen Cowcher. Farrar Straus Giroux. (Grades 4-6). 40pp. ISBN9780374317744. See how the people of Mali peacefully coexist with the herd of elephants who live in their midst.
- *A ZEAL OF ZEBRAS: AN ALPHABET OF COLLECTIVE NOUNS.* (2011). Whoop Studios. Chronicle Books. (Grades 2-4). 64pp. ISBN 9781452104928. A leap of leopards? A pandemonium of parrots? Learn about the collective nouns which describe animal groups and why these labels are so fitting.