

Kindergarten

EAT LIKE A BEAR. 2013. April Pulley Sayre. Illus. Steve Jenkins. Henry Holt. 32pp. ISBN-10: 0805090398. Follow a brown bear through the months as she awakens from hibernation and journeys toward another winter. End notes extend the depth of the text. Standard 3: Observe living organisms, compare and contrast their characteristics, and ask questions about them.

LET'S GO NUTS: SEEDS WE EAT. 2013. April Pulley Sayre. Beach Lane Books. 32pp. ISBN-10: 1442467282. Vivid photographs and simple text explore the world of nuts, beans, and grains and the wide range of seeds we eat. Standard 1: Physical Science. Observe, manipulate, sort and generate questions about objects and their physical properties.

First Grade

HIDE AND SEEK SCIENCE: ANIMAL CAMOUFLAGE. 2013. Emma Stevenson. Holiday House. 32pp. ISBN-10: 0823422933. The importance of camouflage for animal survival is showcased through a variety of habitats. Standard 3: Observe, describe, and ask questions about living things and their relationships to their environments.

LIFETIME: THE AMAZING NUMBERS IN ANIMAL LIVES. 2013. Lola M. Schaefer. Illus. Christopher Silas Neal. Chronicle Books. 32pp. ISBN-10: 1452107149. Animal behaviors, features, and environments are described in terms of numbers. Author's notes explain more about each animal and challenge readers to think about animals through math. Standard 3: Observe, describe, and ask questions about living things and their relationships to their environments.

Second Grade

FLIGHT OF THE HONEY BEE. 2013. Raymond Huber. Illus. Brian Lovelock. Candlewick Press. 32pp. ISBN-10: 0763667609. Take flight with a honey bee to learn about her important role in the life cycle of plants. Factual textboxes extend the content. Standard 3: Observe, ask questions about and describe how organisms change their forms and behaviors during their life cycles.

WATER IN THE PARK: A BOOK ABOUT WATER AND THE TIMES OF THE DAY. 2013. Emily Jenkins. Illus. Stephanie Graegin. Schwartz & Wade Books. 32pp. ISBN-10: 0375870024. Readers observe human behavior in relationship to water from sunup to sundown at a park on a hot summer's day. Standard 2: Day to day and over the seasons, observe, measure, record and recognize patterns and ask questions about features of weather.

Third Grade

FROG SONG. 2013. Brenda Guiberson. Illus. Gennady Spirin. Henry Holt. 32pp. ISBN-10: 0805092544. Eye-catching paint and pencil illustrations showcase a variety of frogs from around the world and the habitats that sustain them. Standard 2: Observe how natural materials meet the needs of plants and animals (including humans).

THE TREE LADY: THE TRUE STORY OF HOW ONE TREE-LOVING WOMAN CHANGED A CITY FOREVER. 2013. H. Joseph Hopkins. Illus. Jill McElmurry. Beach Lane. 32 pp. ISBN-10: 1442414022. Katherine Olivia Sessions was discouraged from studying science in the 1800's, but she persevered and transformed San Diego from a barren desert landscape into a lush, green paradise. Standard 2: Observe how natural

materials meet the needs of plants and animals (including humans).

Fourth Grade

EIGHT DOLPHINS OF KATRINA: A TRUE TALE OF SURVIVAL. 2013. Janet Wyman Coleman. Illus. Yan Nascimbene. Houghton Mifflin. 40 pp. ISBN-10: 054771923X. When Hurricane Katrina destroyed the Marine Life Oceanarium in Gulfport, Mississippi, eight tame dolphins were set free in the Gulf. This is the account of how their determined and inventive trainers found and rescued them. Standard 3: Observe, describe and ask questions about structures of organisms and how they affect their growth and survival.

VOLCANO RISING. 2013. Elizabeth Rusch. Illus. Susan Swan. Charlesbridge. 32pp. ISBN-10: 1580894089. Two levels of text describe the destructive side of volcanos as well as their power to transform landscapes. End notes extend the learning opportunities. Standard 2: Observe, investigate and give examples of ways that the shape of the land changes over time.

Fifth Grade

LOOK UP: HENRIETTA LEAVITT, PIONEERING WOMAN ASTRONOMER. 2013. Robert Burleigh. Illus. Raúl Colón. Simon & Schuster. 32 pp. ISBN-10: 1416958193. As a female astronomer in the late 1800's, Henrietta Leavitt was largely disregarded as a real scientist until she made a discovery that would forever change the way we look at the universe. Standard 2: Observe, describe and ask questions about patterns in the sun-moon-earth system.

PLUTO'S SECRET: AN ICY WORLD'S TALE OF DISCOVERY. 2013. Margaret A. Weitekamp and David DeVokrin. Illus. Diane Kidd. Abrams. 40pp. ISBN-10:

1419704230. The redefining of Pluto's status is explained in straightforward terms. End notes with photographs and additional resources extend the content. Standard 2: Observe, describe and ask questions about patterns in the sun-moon-earth system.

Sixth Grade

ELECTRICAL WIZARD: HOW NIKOLA TESLA LIT UP THE WORLD. 2013. Elizabeth Rusch. Illus. Oliver Dominguez. Candlewick Press. 40pp. ISBN-10: 0763658553. In addition to biographical information about Nikola Tesla, this book explains the differences between AC and DC power. Detailed endnotes include additional resources, scientific explanations, and a biographical sketch of Tesla's rival, Thomas Edison. Standard 1: Understand that there are different forms of energy with unique characteristics.

BEYOND THE SOLAR SYSTEM: EXPLORING GALAXIES, BLACK HOLES, ALIEN PLANETS, AND MORE. Mary Kay Carson. Chicago Review Press. 144 pp. ISBN-10: 1613745443. The history of astronomy is showcased through timelines, diagrams, photographs, suggested experiments, and biographical sketches of the scientists who helped us understand our universe. Standard 2: Understand the relationship between celestial bodies and the force that keeps them in regular and predictable motion.

Primary Honorable Mention

THE ANIMAL BOOK: A COLLECTION OF THE FASTEST, FIERCEST, TOUGHEST, CLEVEREST, SHYEST--AND MOST SURPRISING--ANIMALS ON EARTH. 2013. Steve Jenkins. Houghton Mifflin. 208pp. ISBN-10: 054755799X. Detailed collages supplement this compendium of animal facts and figures. Back matter contains more animal facts

and a detailed explanation of the book-making process. Standard 3: Life Science.

MOUSETRONAUT GOES TO MARS. 2013. Mark Kelly. Illus. C.F. Payne. Simon & Schuster. 40pp. ISBN-10: 1442484268. Learn about space travel through the eyes of a mouse who sneaks aboard a manned flight to Mars. An afterword tells more about Mars and what it will take to send astronauts to the planet. Standard 2: Earth and Space Science.

SEEDS, BEES, BUTTERFLIES, AND MORE: POEMS FOR TWO VOICES. 2013. Carole Gerber. Illus. Eugen Yelchin. Henry Holt. 32 pp. ISBN-10: 0805092110. Learn more about plants and animals through poems that are designed for two (or more) performers. Standard 3: Life Science.

Intermediate Honorable Mention

ERUPTION! VOLCANOES AND THE SCIENCE OF SAVING LIVES. 2013. Elizabeth Rusch. Illus. Tom Uhlman. Houghton Mifflin. 80pp. ISBN-10: 0547503504. Readers learn how volcanologists predict eruptions and work to save the lives of people who are caught in their paths. Standard 2: Earth and Space Science.

FUN FOOD INVENTIONS: AWESOME INVENTIONS YOU USE EVERY DAY. 2013. Nadia Higgins. Lerner Books. 32pp. ISBN-10: 1467710911. The technology behind everyday inventions, such as microwave popcorn, bubblegum, and popsicles, is described. An afterword provides additional resources and a glossary of terms. Standard 4: Technology.

SEYMOUR SIMON'S EXTREME OCEANS. 2013. Seymour Simon. Chronicle Books. ISBN-10: 1452108331. Budding ecologists and oceanographers will learn about various

extremes of ocean life, from the impact of violent storms, to the effects of climate change, to the habits of the largest and most dangerous marine animals. Standard 3: Life Science.