

Science

Middle School Reading List

- 629.4
AAS Aaseng, Nathan. The Space Race. San Diego: Lucent Books, 2002.
- An illustrated chronicle of the race between the United States and Russia to achieve greatness in space exploration, spanning from the earliest research efforts and military interest in rockets to the battle for the moon and eventual cooperation between the nations.
- 599.884
AKE Ake, Anne. The Gorilla. San Diego: Lucent Books, 1999.
- This book discusses the physical characteristics, behavior, habitats, and endangered status of the gorilla.
- 508.943
ARN Arnole, Caroline. A Walk on the Great Barrier Reef. Minneapolis: Carolrhoda Books, Inc., 1988.
- Describes the fascinating plants and animals which inhabit the Great Barrier Reef.
- 611.01
BAE Baeuerle Patrick A. and Norbert Landa. Ingenious Genes: Microexplorers. Hauppauge, NY: Barron's, 1997.
- Describes the fantastic skills of genetic engineers and what they do at work.
- 523.1
BAI Bailey, Jacqui. The Birth of the Earth. London: Kids Can Press, 2001.
- Color cartoon illustrations and text chronicle the formation of Earth according to the Big Bang theory and describe the development of living organisms.
- 567.9
BAI Bailey, Jacqui. The Day of the Dinosaurs. London: Kids Can Press, 2001
- Color cartoon illustrations and text describe several dinosaur species as well as the mass extinction that occurred sixty-five million years ago
- 574.5
BAK Baker, Lucy. Life in the Deserts. Chicago: World Book Inc., 1997.
- This book offers an exciting introduction to all forms of desert life.

- B
FLE Bankston, John. Alexander Fleming and the Story of Penicillin. Bear, Delaware: Mitchell Lane, 2002.
- A biography of the Scottish bacteriologist and Nobel Prize winner who discovered penicillin and its antibiotic properties.
- 598.9
BAR Barghusen, Joan D. The Bald Eagle. San Diego: Lucent Books, 1999.
- This book describes the physical characteristics and habits of bald eagles, threats to their existence, changes in their habitats, and efforts to protect these birds.
- 576.5
BEA Beatty, Richard. Genetics. Austin, TX: Raintree Steck-Vaughn, 2001.
- Discusses genetics, how genes work, evolution, and genetic engineering.
- 629.45
BER Bergin, Mark. Exploration of Mars. New York: Franklin Watts, 2001.
- Discusses the history of Mars exploration, examines the myths and legends associated with the planet, and looks at plans to visit and bring life to Mars.
- 509
BES Beshore, George. Science in Early Islamic Culture. New York: Franklin Watts, 1988.
- Discusses the extraordinary scientific discoveries and advancements in the Islamic world after the birth of Mohammed in 570 and their impact on Western civilization in subsequent centuries and today.
- 363.12
BLE Biel, Timothy L. The Challenger. San Diego, CA: Lucent Books, 1990.
- Examines the Challenger disaster from a scientific and historic perspective and discusses its effect on the space shuttle program.
- 567.9
BIS Bishop, Nic. Digging for Bird-Dinosaurs: An Expedition to Madagascar. Boston: Houghton Mifflin Company, 2000.
- The story of Cathy Foster's experiences as a member of a team of paleontologists who went on an expedition to the island of Madagascar in 1998 to search for fossil birds.
- OV
520
BON Bond, Peter. Guide to Space. New York: DK Publishing, Inc., 1999.
- Presents discoveries, observations, and theories about the planets and other phenomena in our solar system and as well as in outer space, using text, illustrations, and photographs from NASA.

- 520
BRA Bramwell, Martyn. Mapping the Planets and Space. Minneapolis: Lerner Publications Co., 1998.
- Explains what our study of outer space has revealed to us about the planets and other heavenly bodies.
- 523.48
BRE Bredeson, Carmen. Pluto. New York: Franklin Watts, 2001.
- Pluto wasn't discovered until 1930. This book describes how scientists were able to locate and observe this distant planet and its moon, Charon.
- B
EDISON Buranelli, Vincent. Thomas Alva Edison. Englewood Cliffs, NJ: Silver Burdett Press, 1989.
- A biography of the inventor who changed the world in which he lived with such revolutionary inventions as the phonograph, electric lighting, and motion pictures.
- PICT
FIC
CARLE Carle, Eric. The Tiny Seed. New York: Scholastic, 1987.
- In this picture book follow what happens to the seeds of a flowering plant through the seasons.
- PICT
FIC
CARLE Carle, Eric. The Very Hungry Caterpillar. New York: Scholastic, 1969.
- In this picture book the hungry caterpillar eats, makes his cocoon, and turns into a surprise!
- 578.734
CAS Castner, James L. Partners and Rivals. New York: Benchmark Books, 2002.
- Provides information about the great variety of life in the Amazon rain forests, and looks at some of the unique partnerships formed by different species in an attempt to improve their chances of survival.
- 578.734
CAS Castner, James L. Rainforest Researchers. New York: Benchmark Books, 2002.
- Presents an introduction to six scientists who work in the rain forests of South America, and discusses what they have learned from their research.

577.34
CAS

Castner, James L. Surviving in the Rain Forest. New York: Benchmark Books, 2002.

Presents an introduction to six scientists who work in the rain forests of South America, and discusses what they have learned from their research.

B
DAR

Clarke, Brenda. Charles Darwin. New York: Marshall Cavendish, 1988.

A biography concentrating on the childhood of the British naturalist who became famous for his theories on evolution.

571.8
COH

Cohen, Daniel. Cloning. Brookfield, CN: Millbrook Press, 1998.

Examines the history, current developments, future, and ethical ramifications of cloning recombinant DNA, and gene therapy.

551.5
COS

Cosgrove, Brian. Weather. New York: Alfred A. Knopf, 1991.

Photographs and text depict different aspects of weather and how it is forecast.

FIC
CRI

Crichton, Michael. The Andromeda Strain. New York: Knopf, 1969.

Four scientists are summoned to a secret laboratory five stories under the Nevada desert to try and find a cure for a world-wide epidemic.

PB
CRI

Crichton, Michael. Congo. New York: Ballantine Books, 1993.

In San Francisco, an extraordinary gorilla named Amy, who happens to know some sign language, may hold the secret to what happened to a group of people who were attacked in the Congo.

PB
CRI

Crichton, Michael. Jurassic Park. New York: Knopf, 1990.

Recovering and cloning dinosaur DNA has resulted in the creation of Jurassic Park, a place for people to experience what it was like to exist in the age of dinosaurs.

FIC
DIXON

Dixon, Franklin W. The Lazarus Plot. Lakeville, CT: Grey Castle Press, 1988.

The Hardy Boys stumble across a twisted technological plot creating perfect replicas of human beings and fight for the survival of a top secret government intelligence organization.

- B
DAR Driemen, John E. Clarence Darrow. New York: Chelsea House, 1991.
- A biography of the famous American lawyer, orator, and author that covers such historic trials as his defense of John Scopes, Eugene V. Debs, and Leopold-Loeb.
- 599.79
DUT DuTemple, Lesley A. Seals and Sea Lions. San Diego, CA: Lucent Books, 1999.
- This book describes the physical characteristics and behavior of seals and sea lions, how they differ from each other, how they relate to humans, how they have become endangered, and what is being done to protect them.
- 627
EAR Earle, Sylvia A. Dive. Washington, DC: National Geographic, 1999.
- The author relates some of her adventures studying and exploring the world's oceans, including tracking whales, living in an underwater laboratory, and helping to design a deep water submarine.
- 530.11
FLE Fleisher, Paul. Matter and Energy. Minneapolis, MN: Lerner, 2002.
- Presents illustrated descriptions of matter and energy, explaining the law of conservation of matter, the law of definite proportions and Gay-Lussac's Law, Meneleyev's periodic law, and the first and second laws of thermodynamics, and providing a time line, biographical sketches of scientists, and a selected bibliography.
- 530.11
FLE Fleisher, Paul. Relativity and Quantum Mechanics. Minneapolis, MN: Lerner, 2002.
- Presents illustrated explanations of relativity, quantum mechanics, conservation of mass and energy, and the uncertainty principle, and provides a time line, biographical sketches of scientists, and a selected bibliography.
- 599.88
FOS Fossey, Diane. Gorillas in the Mist. Boston: Houghton Mifflin, 1983.
- The author relates some of her adventures and discoveries from fifteen years of studying and exploring the mountain gorillas in their natural habitat in Africa.
- 629.45
FOX Fox, Virginia Mary. Women Astronauts: Aboard the Shuttle. New York: Simon Schuster Inc., 1987.
- Describes the June, 1983 flight of the space shuttle with emphasis on the experiences of Sally Ride, the first American woman to fly in space. Also includes brief biographies of the eight women astronauts, discussing their training and their future participation in space flights.

- B
HUM Gaines, Ann. Alexander von Humboldt : Colossus of Exploration. New York: Chelsea House, 1991.
- Examines the life and times of the German scientist and geographer who helped found modern geography and pioneered in plant geography and climatology.
- 576.8
GAM Gamlin, Linda. Evolution. New York: Dorling Kindersley, 2000.
- Text about and photography of experiments, animals, plants, bones, and fossils reveals the ideas and discoveries that have changed our understanding of the natural world and how life began.
- 509.38
GAY Gay, Kathlyn. Science in Ancient Greece. New York: Franklin Watts, 1988.
- Discusses the theories of ancient Greek philosopher-scientists such as Ptolemy, Pythagoras, Hippocrates, and Aristotle, and describes scientific discoveries and their applications in ancient Greece.
- FIC
GEO George, Jean Craighead. Julie of the Wolves. New York: Harper & Row, 1972.
- While running away from home and an unwanted marriage, a thirteen-year-old Eskimo girl becomes lost on the North Slope of Alaska and is befriended by a wolf pack that helps her learn how to survive.
- FIC
GEO George, Jean Craighead. My Side of the Mountain. New York: Dutton, 1988.
- A young boy relates his adventures during the year he spends living alone in the Catskill Mountains including his struggle for survival, his dependence on nature, his animal friends, and his ultimate realization that he needs human companionship.
- 508.747
G George, Jean Craighead. One Day in the Woods. New York: T.Y. Crowell, 1988.
- Rebecca discovers many things about plant and animal life when she spends the day in Teatown Woods in the Hudson Highlands of New York looking for the ovenbird.
- B
HEN Gilman, Michael. Matthew Henson. New York: Chelsea House Publishers, 1988.
- Follows the life of the black explorer who accompanied Robert Peary on the expedition to the North Pole.

- B
HUDSON Goodman, Joan Elizabeth. Beyond the Sea. New York: Mikaya Press, 1999.
- An account of Henry Hudson's four voyages in search of a passage to the Orient in the early seventeenth century and the discoveries made by him on the Northeastern coast of America.
- 577.69
GOO Goodman, Susan E. Ultimate Field Trip 3: Wading into Marine Biology. New York: Atheneum Books for Young Readers, 1999.
- A middle-school class from Boston visits Cobscook Bay, Maine, to learn about the marine biology of the bay's tidal zones.
- 610
GRA Graham, Ian. Fighting Disease. Austin, TX: Raintree Steck-Vaughn, 1995.
- Explains how the human body works and how illness and disease invade and affect the body.
- 595.78
GRE Green, Jen. Butterflies. New York: Marshall Cavendish, 1999.
- Examines the physical characteristics, behavior, and life cycle of butterflies, describes the different kinds, and discusses their endangered status.
- 577.34
GRU Grupper, Jonathan. Destination: Rain Forest. Washington, DC: National Geographic, 1997.
- Describes the unique environment of and the varied animal and plant life found in the world's tropical rain forests.
- B
FAR Gutnik, Martin J. Michael Faraday, Creative Scientist. Chicago: Children's Press, 1986.
- Examines the life of the English physicist, who rose from a boyhood in the slums of London to make significant discoveries in the study of electricity, magnetism, and light.
- FIC
HAD Haddix, Margaret Peterson. Among the Hidden. New York: Simon and Schuster, 1998.
- In a future where the Population Police enforce the law limiting a family to only two children, Luke has lived all his twelve years in isolation and fear on his family's farm, until another "third" convinces him that the government is wrong.

FIC
HAD

Haddix, Margaret Peterson. Among the Impostors. New York: Simon and Schuster, 2001.

In a future where the law limits a family to only two children, third-born Luke has been in hiding for the entire twelve years of his life, until he enters boarding school under an assumed name and is forced to face his fears.

FIC
HAD

Haddix, Margaret Peterson. Running out of Time. New York: Simon and Schuster, 1995.

When a diphtheria epidemic hits her 1840 village, thirteen-year-old Jessie discovers it is actually a 1996 tourist site under unseen observation by heartless scientists, and it's up to Jessie to escape the village and save the lives of the dying children.

509
HAR

Harris, Jacqueline. Science in Ancient Rome. New York: Franklin Watts, 1988.

Describes how Rome put to use and expanded the scientific achievements of earlier civilizations.

CA
629.45
HAY

Hayhurst, Chris. Astronauts: Life Exploring Outer Space. New York: Rosen Publishing Co., 2001.

Provides information about astronauts, explaining the background required to apply for an astronaut position, and discussing training, life in space, and the extreme risks involved in the job.

FIC
HEN

Heinlein, Robert A. Farmer in the Sky. New York: Ballantine Books, 1950.

A youth and his father emigrate from the mechanical and organized world on overpopulated Earth to become colonists on Ganymede, the third moon of Jupiter.

567.9
HEN

Henderson, Douglas. Asteroid Impact. New York: Dial Books for Young Readers, 2000.

Text and illustrations explore the theory that the collision of an asteroid with Earth ended the Cretaceous Period and caused the extinction of the dinosaurs.

979.4
HOU

House, James. San Francisco Earthquake. San Diego, CA: Lucent House, 1989.

An account of the earthquake of 1906 in San Francisco, during which fires began which raged unchecked over the city, virtually destroying it.

- B
EIN Ireland, Karin. Albert Einstein. Englewood Cliffs, NJ: Silver Burdett Press, 1989.
- Traces the life and work of the physicist whose theory of relativity revolutionized scientific thinking.
- 363.2
JAC Jackson, Donna. The Bone Detectives: How Forensic Anthropologists Solve Crimes and Uncover Mysteries of the Dead. Boston: Little, Brown and Co., 1996.
- Explores the world of forensic anthropology and its applications in solving crimes.
- 516.8
JEF Jefferis, David. Alien Lifesearch: Quest for Extraterrestrial Organisms. New York: Crabtree Pub., 1999.
- Discusses what other planets may have the right conditions to support life and surveys aliens, unidentified flying objects, and our exploration of space.
- 571.8
JEF Jefferis, David. Cloning: Frontiers of Genetic Engineering. New York: Crabtree, 1999.
- Discusses the science of genetics, the first successful cloning of a mammal, its implications, and its ethical aspects.
- 599.53
KAL Kallen, Stuart A. Dolphins and Porpoises. San Diego, CA: Lucent Books, 2001.
- Describes the lives of dolphins and porpoises in their natural habitat; discusses the threats posed by fishing, hunting, pollution, and habitat destruction; looks at the plight of dolphins and porpoises in captivity; and examines efforts to save the species.
- 551.4
KAP Kaplan, Elizabeth. Tundra. New York: Benchmark Books, 1996.
- This book offers an exciting introduction to all forms of life on the Tundra.
- 599.5
KER Kerrod, Robin. Whales and Dolphins. New York: Lorenz Books, 2000.
- Offers an insight into the lives of our closest living relatives in the underwater world.
- PB
KEYES Keyes, Daniel. Flowers for Algernon. New York: Bantam, 1967.
- Algernon, a mouse, is extra-clever thanks to an experimental brain operation so far tried only on animals. Charlie, who only has an IQ of 68, eagerly volunteers as the first human subject.

- 910
KIM Kimmel, Elizabeth Cody. Ice Story: Shackleton's Lost Expedition. New York: Clarion Books, 1999.
- Describes the events of the 1914 Shackleton Antarctic expedition, when, after being trapped in a frozen sea for nine months, their ship, the Endurance, was finally crushed, forcing Shackleton and his men to make a very long and perilous journey across ice and stormy seas to reach inhabited land.
- 611.01
LAN Landa, Norbert and Patrick A. Baeuerle. The Cell Works: Microexplorers. Hauppauge, NY: Barron's, 1997.
- Describes an expedition into the fantastic world of cells.
- 611.01
LAN Landa, Norbert and Patrick A. Baeuerle. Your Bodies Heroes and Villains: Microexplorers. Hauppauge, NY: Barron's, 1997.
- Describes immune cells, the tiny defenders that safeguard our lives against nasty bacteria and viruses.
- FIC
LASKY Lasky, Kathryn. The Bone Wars. New York: Morrow Junior Books, 1988.
- In the mid-1870s, young teenage scout, Thad Longworth, blood brother to the Sioux visionary Black Elk, finds his destiny linked with that of three rival teams of paleontologists searching for dinosaur bones, as the Great Plains Indians prepare to go to war against the white man.
- FIC
LEN L'Engle, Madeleine. A Wrinkle in Time. New York: Farrar, Straus and Giroux, 1962.
- A breathtaking fantasy adventure that has captivated decades of children and adults, this Newbery Award winner will sweep you away to far-off planets and galaxies where the ultimate battle of good and evil rages.
- 599.67
LEV Levine, Stuart P. The Elephant. San Diego, CA: Lucent Books, 1998.
- This book presents an overview of elephants, how they have become endangered, and what is being done to protect them from extinction.
- 599.88
LEV Levine, Stuart P. The Orangutan. San Diego, CA: Lucent Books, 1999.
- This book discusses the physical characteristics, behavior, habitats, and endangered status of the orangutan.

599.756
LEV

Levine, Stuart P. The Tiger. San Diego, CA: Lucent Books, 1998.

This book discusses the various species of tigers and their behavior and examines how they have become endangered through habitat loss, hunting, research, and captivity.

611
LLE

Llewellyn, Claire. The Big Book of Bones. New York: Peter Bedrick Books, 1998.

Introduces the skeletons of many kinds of animals, including humans; explains how they move and why they look the way they do; and discusses what scientists can learn about evolution from fossils.

B
MAT

Lutz, Norma Jean. Cotton Mather: Author, Clergyman, and Scholar. Philadelphia: Chelsea House Publishers, 2000.

Provides biographical information about the colonial preacher, author, and scholar who studied science and medicine at Harvard, Cotton Mather, discussing his heritage, his religious beliefs, his role in the Salem witch trials, and other aspects of his life.

598.47
LYN

Lynch, Wayne. Penguins. Willowdale, Ontario: Firefly Books, 1999.

Introduction to penguins, from birth to adulthood, their communities and daily lives, illustrated with full-color photos and lively text.

B
BEN

Martin, Jacqueline Briggs. Snowflake Bentley. Boston: Houghton Mifflin, 1998.

A biography of a self-taught scientist who photographed thousands of individual snowflakes in order to study their unique formations.

597.9
McC

McCarthy, Colin. Reptile. New York: Dorling Kindersley, 1991.

Photographs and text depict the many different kinds of reptiles, their similarities and differences, habitats, and behavior.

599.756
MON

Montgomery, Sy. The Man-Eating Tigers of Sundarbans. Boston: Houghton Mifflin Co., 2001.

Describes the behavior of the tigers of the Sundarbans Tiger Reserve in India and Bangladesh.

- 509
MOS Moss, Carol. Science in Ancient Mesopotamia. New York: Franklin Watts, 1988.
- Describes the enormous accomplishments of the Sumerians and Babylonians of ancient Mesopotamia in every scientific area, a heritage which affects our own everyday lives.
- 567.9
NOR Norman, David and Angela Milner. Dinosaur. New York: Alfred A. Knoph, 1989.
- Text and photographs explore the world of the dinosaurs, focusing on such aspects as their teeth, feet, eggs, and fossils.
- FIC
ODE O'Dell, Scott. Island of the Blue Dolphins. Boston, MA: Houghton Mifflin, 1990.
- Left alone on a beautiful but isolated island off the coast of California, a young Indian girl spends eighteen years, not only merely surviving through her enormous courage and self-reliance, but also finding a measure of happiness in her solitary life.
- 577.636
PAR Parker, Steve. Pond & River. New York: Dorling Kingsley, 2000.
- A photo essay about the range of plants and animals found in fresh water throughout the year examines the living conditions and survival mechanisms of creatures dwelling at the edge of the water, on its surface, or under the mud.
- 573.76
PAR Parker, Steve. Skeleton. London: New York: Dorling Kindersley, 2000.
- Discusses the evolution, structure, and function of the human and animal skeletal systems.
- 550
PAT Patent, Dorothy Hinshaw. Shaping the Earth. New York: Clarion Books, 2000.
- Explains the forces that have created the geological features on the earth's surface.
- FIC
PAU Paulsen, Gary. Brian's Winter. New York: Scholastic Inc., 1998.
- Companion book to: Hatchet and The River. Instead of being rescued from a plane crash, as in the author's book Hatchet, this story portrays what would have happened to Brian had he been forced to survive a winter in the wilderness with only his survival pack and hatchet.

FIC
PAU

Paulsen, Gary. Hatchet. New York: Simon & Schuster, 1987.

After a plane crash, thirteen-year-old Brian spends fifty-four days in the wilderness, learning to survive initially with only the aid of a hatchet given by his mother, and learning also to survive his parents' divorce.

FIC
PAU

Paulsen, Gary. The River. New York: Delacorte Press, 1991.

Because of his success surviving alone in the wilderness for fifty-four days, fifteen-year-old Brian, profoundly changed by his time in the wild, is asked to undergo a similar experience to help scientists learn more about the psychology of survival. Sequel to "Hatchet."

PB
PHI

Philbrick, W. R. The Last Book in the Universe. New York: Scholastic Inc., 2000.

A thousand years in the future, an earthquake destroys much of the planet, and an epileptic teenager nicknamed Spaz begins the heroic fight to bring human intelligence back to Earth.

PB
PIKE

Pike, Christopher. The Starlight Crystal. New York: Pocket Books, 1996.

While on a spaceship that travels at near light speed, Paige Christian's work is to study the changes on earth throughout two centuries; when a disaster befalls earth and she returns, she finds an unimaginable future.

599.789
PRE

Presnall, Judith Janda. The Giant Panda. San Diego: Lucent Books, Inc., 1998.

This book discusses the forces pushing the giant panda toward extinction and the efforts being made to counter those forces.

599.8
RED

Redmond, Ian. Gorilla, Monkey & Ape. New York: Dorling Kindersley, 1995.

Reveals why howler monkeys erupt into song at sunrise, what it means when a mandrill yawns, and other details about the behavior, family life, and intelligence of gorillas and other primates.

FIC
ROTH

Roth, Arthur J. The Iceberg Hermit. New York: Four Winds Press, 1974.

Shipwrecked in 1757 on an iceberg in the Arctic seas with only an orphaned polar cub for companionship, seventeen-year-old Allan begins a seemingly hopeless struggle for survival.

B
EDISON Rowland-Entwistle, Theodore. Thomas Edison. New York: Marshall Cavendish, 1988.

A biography concentrating on the childhood of the inventor whose creations contributed to the comfort, convenience, and entertainment of people all over the world.

525
SEN Senior, Kathryn. Planet Earth. New York: Franklin Watts, 2000.

Covers major aspects of the development of the planet Earth, including the Big Bang theory, weather phenomena, geology, astronomy, rain forests, animal life on land and in the sea, and human influences on the environment.

577.34
SEN Senior, Kathryn. Rain Forest. Danbury, CT: Franklin Watts, 1999.

Describes what a rain forest is and what types of plants and animals reside there.

598
S Sattler, Helen Roney. The Book of Eagles. New York: Lothrop, Lee & Shepard Books, 1989.

Discusses the physical characteristics, behavior, and life cycle of eagles and describes many individual species, including the African fish eagle, bald eagle, booted eagle, and harpy eagle.

PB
SHE Shelley, Mary Wollstonecraft. Frankenstein. New York: New American Library/Penguin Group, 1983.

The monster was supposed to be man's benefactor, but, scorned for his ugliness, he swears revenge on his creator and the human race.

599.4
SHE Sherrow, Victoria. Bats. San Diego: Lucent Books, 2001.

Discusses these helpful flying animals, their enemies, loss of habitat, rescue efforts, and their future.

523.42
SIM Simon, Seymour. Destination: Jupiter. New York: Harper Collins, 1998.

Describes the characteristics of the planet Jupiter and its moons, as revealed by photographs sent back by unmanned spaceships.

- 523.42
SIM Simon, Seymour. Destination: Mars. New York: Harper Collins, 2000.
- Describes the characteristics of Mars and its moons, examines old beliefs and new discoveries about the planet, and includes photographs sent back by unmanned spaceships.
- 551.3
SIM Simon, Seyour. Icebergs and Glaciers. New York: William Morrow and Co., 1987.
- Discusses the formation, movement, and different types of glaciers and icebergs and describes their effect on the world around them.
- 523.4
SIM Simon, Seymour. Mercury. New York: Morrow Books, 1992.
- Describes what is known about Mercury from the photographs taken by Project Mariner.
- 523.4
SIM Simon, Seymour. Neptune. New York: Morrow Books, 1991.
- Discusses the physical features and moons of the planet Neptune and how we have gained our knowledge of this giant world.
- 597.96
SIM Simon, Seymour. Poisonous Snakes. New York: Morrow Books, 1981.
- Describes the behavior and characteristics of different kinds of poisonous snakes, including cobras, rattlesnakes, and water moccasins.
- 523.42
SIM Simon, Seymour. Venus. New York: Morrow Books, 1992.
- Describes the movements and physical features of the planet Venus and recent findings about its climate and surface.
- 567.9
SLO Sloan, Christopher. Feathered Dinosaurs. Washington, DC: National Geographic Society, 2000.
- Christopher Sloan, paleontology area specialist at National Geographic Magazine, shows why some scientists think that birds are descendant of dinosaurs.
- 551.55
STE Steele, Christie. Tornadoes. New York: Raintree Steck-Vaughn Publishers, 2000.
- Introduces the causes and environmental effects of tornadoes.

- 599.78
STO Stonehouse, Bernard. A Visual Introduction to Bears. New York: Checkmark Books, 1998.
- This book gives an overview of bears throughout the world, placing each species in its natural environment.
- 599.8
STO Stonehouse, Bernard. A Visual Introduction to Monkeys and Apes. New York: Checkmark Books, 2000.
- This book introduces the physical characteristics, behavior, and habitats of primates, including lemurs, monkeys, apes, and humans.
- 598.47
STO Stonehouse, Bernard. A Visual Introduction to Penguins. New York: Checkmark Books, 2000.
- Illustrations and text introduce the physical characteristics, behavior, and habitat of various species of penguins.
- 599.3
STO Stonehouse, Bernard. A Visual Introduction to Sharks, Skates and Rays. New York: Checkmark Books, 1999.
- Text and pictures describe the various kinds of sharks, their life cycles, and the best locations for humans to see them.
- 599.5
STO Stonehouse, Bernard. A Visual Introduction to Whales Dolphins and Porpoises. New York: Checkmark Books, 1998.
- This book uses text and pictures to describe the various kinds of whales, dolphins and porpoises, their life-cycles, and the best locations for humans to see them.
- 599.75
STO Stonehouse, Bernard. A Visual Introduction to Wild Cats. New York: Checkmark Books, 1999.
- This book introduces the different kinds of wild cats, their physical characteristics, behavior, habitats, and relationships with humans.
- 591.9866
TAG Tagliaferro, Linda. Galapagos Islands. Minneapolis:Lerner, 2001.
- The variety of plant and animal species available on these islands has fascinated scientists, including Charles Darwin, and tourists as well.

- 509
TAN Tannenbaum, Beulan and Harold E. Tannenbaum. Science in Early American Indians. New York: Franklin Watts, 1988.
- Discusses the scientific, architectural, astronomical, agricultural, and artistic innovations of the American Indians before the arrival of Columbus.
- 569.9
TAT Tattersall, Ian. The Last Neanderthal. New York: Nevrault Publishing Co., 1999.
- Discusses the rise, success, and mysterious extinction of Neanderthal Man.
- 560
TAY Taylor, Paul D. Fossil. New York: Alfred A. Knopf, 1990.
- A photo essay about different types of fossils, from bacteria and algae to birds and mammals.
- 595.7
UND Under the Microscope: Insects. 8 vols. Danbury, CT: Grolier, 2000.
- Each of these beautifully illustrated books discusses a different topic about insects: vol. 1. Life cycles -- vol. 2. Bodywork -- vol. 3. On the move -- vol. 4. Habitats -- vol. 5. Record breakers -- vol. 6. Behavior -- vol. 7. Homes -- vol. 8. Around people.
- 363.34
VAU Vaughan, Jenny. Natural Disasters. Danbury, CT: Franklin Watts, 1999.
- Describes why natural disasters such as earthquakes, tidal waves, hurricanes, and volcanic eruptions occur and how people have been affected by them throughout history.
- FIC
VERNE Verne, Jules. A Journey to the Center of the Earth. New York: Airmont, 1965.
- A team of explorers makes an expedition into a crater in Iceland which leads to the center of the Earth and to incredible and horrifying discoveries.
- FIC
VERNE Verne, Jules. 20,000 Leagues Under the Sea. England, Galley Press, 1987.
- A nineteenth century tale of an electric submarine, its eccentric captain, and the undersea world, which anticipated many of the scientific ideas of the twentieth century.
- 660
WEL Wells, Donna. Biotechnology. New York: Benchmark Books, 1996.
- Describes the history and applications of biotechnology, focusing on how scientists develop new organisms by altering the makeup of living things.

FIC
WEL

Wells, H.G. The Time Machine. Milwaukee Raintree Publishers, 1981.

A time traveler voyages into the future to find the world has been divided into two races.

PB
WELLS

Wells, H. G. The War of the Worlds. New York: Tom Doherty Associates,1960.

They came from Mars with heat-rayguns and fighting machines to conquer Earth and keep humans as their slaves. It is the start of the most important war in Earth's history.

152.148
WIC

Wick, Walter. Wick's Optical Tricks. New York : Scholastic, 1998.

Presents a series of optical illusions and explains what is seen.

599.97
WIL

Wilcox, Charlotte. Mummies, Bones, and Body Parts. New York: Scholastic, 2000.

Describes the wide variety of human remains, the use and abuse of them, what they reveal about life in the past, and contemporary attitudes toward the dead.

393.25
WOO

Woodford, Chris. Criminal Investigation. Austin, TX : Raintree Steck-Vaughn, 2001.

Describes various techniques and devices used to investigate and solve crimes

509.32
WOO

Woods, Geraldine. Science in Ancient Egypt. New York: Franklin Watts, 1988.

Discusses the achievements of the ancient Egyptians in science, mathematics, astronomy, medicine, agriculture, and technology.