Further Reading and Web Sites

BOOKS

Bloomfield, Louis A. *How Things Work: The Physics of Everyday Life*. 3rd ed. New York: Wiley, 2005. Easy-to-understand college-level text that covers a wide range of phenomena.

Calle, Carlos I. *Superstrings and Other Things: A Guide to Physics*. Oxford: Taylor & Francis, 2001. Explains the laws and principles of physics in a clear and accessible manner.

Davis, Susan and Sally Stephens. *The Sporting Life*. New York: Holt, 1997. Discusses the science of a variety of sports and games.

Ehrlich, Robert. *The Cosmological Milk Shake*. New Brunswick, N.J.: Rutgers University Press, 1994. A lighthearted look at the little-known physics behind some of the most curious phenomena.

Jedicke, Peter, ed. *Extreme Science: The Highway of Light and Other Man-made Wonders*. New York: St. Martin's Press, 2001. Explores topics such as advanced propulsion technology that will lead the way to the future.

Kruszelnicki, Karl. *Fidgeting Fat, Exploding Meat & Gobbling Whirly Birds*. New York: Wiley, 1999. Scientific answers to a large number of puzzling and quite often humorous questions of nature and technology.

Lee, Wayne. *To Rise from Earth.* 2nd ed. New York: Facts On File, 1999. Excellent discussion of space exploration.

Lord, John. *Sizes.* New York: HarperPerennial, 1995. Puts into perspective the vast range of sizes and magnitudes of objects.

Parker, Barry. *Isaac Newton School of Driving.* Baltimore: Johns Hopkins University Press, 2003. Splendid book describing the automobile and its devices, written with plenty of expertise and a touch of humor.

———. *Mystery of Gravity.* New York: Marshall Cavendish, 2003. Brief but excellent account of the fundamentals of gravity.

Plait, Philip C. *Bad Astronomy.* New York: Wiley, 2002. Explores a number of popular but mistaken beliefs in physics and astronomy and explains why these concepts are not scientifically valid.

Prager, Ellen J. *Furious Earth: The Science and Nature of Earthquakes, Volcanoes, and Tsunamis.* New York: McGraw-Hill, 2000. Discusses these violent phenomena, which are fascinating both in terms of their power as well as the scientific principles they exemplify.

Reithmaier, Larry. *Mach 1 and Beyond: The Illustrated Guide to High-Speed Flight.* New York: TAB Books, 1995. The physics of jets and their flight.

Reynolds, David West. *Apollo: The Epic Journey to the Moon.* New York: Harcourt, 2002. Beautifully illustrated account of the Apollo voyages to the Moon.

Smil, Vaclav. *Energies.* Cambridge, Mass.: MIT Press, 1999. A look at energy and how its many forms shape and contribute to civilization and the environment.

Suplee, Curt. *The New Everyday Science Explained.* Washington, D.C.: National Geographic Society, 2004. Concise scientific answers to some of the most basic questions about people and nature. Richly illustrated.

Swartz, Clifford. *Back-of-the-Envelope Physics.* Baltimore: Johns Hopkins University Press, 2003. A collection of simple but intriguing calculations covering a variety of phenomena from large to small, showing the usefulness of physics and elementary mathematics in understanding the world.

WEB SITES

American Institute of Physics. "Physics Success Stories." Available online. URL: http://www.aip.org/success. Accessed on March 4, 2006. Examples of how the study of physics has impacted society and technology.

American Physical Society. "Physics Central." Available online. URL: http://www.physicscentral.com. Accessed on March 4, 2006. A collection of articles, illustrations, and photographs explaining physics and its applications, and introducing some of the physicists who are advancing the frontiers of physics even farther.

Exploratorium: The Museum of Science, Art and Human Perception. Available online. URL: http://www.exploratorium.edu. Accessed on March 4, 2006. An excellent Web resource containing much information on the scientific explanations of everyday things.

HowStuffWorks, Inc., homepage. Available online. URL: http://www.howstuffworks.com. Accessed on March 4, 2006. Contains a large number of articles, generally written by knowledgeable authors, explaining the science behind everything from computers to satellites.

Imaginova Corporation. "Space.com." Available online. URL: http://www.space.com. Accessed on March 4, 2006. Although focusing on space exploration and technology, this Web site contains a wide range articles and photographs on physics and its applications.

National Aeronautics and Space Administration (NASA) homepage. Available online. URL: http://www.nasa.gov. Accessed on March 4, 2006. News and information from the U.S. agency devoted to the exploration of space and the development of aerospace technologies. This Web site contains a huge number of resources, including photographs, movies, and clear and accurate explanations of the science of space exploration.

Planetary Society homepage. Available online. URL: http://planetary.org. Accessed March 4, 2006. News and information

from The Planetary Society, an organization committed to inspiring the exploration of space and other worlds.

United States Geological Survey. "Earthquake Hazards Program Web site." Available online. URL: http://earthquake.usgs.gov. Accessed on March 4, 2006. Charts earthquake activity around the world.