

References and Resources

STUDENT RESOURCES

Ancient Machines: From Wedges to Waterwheels

Michael Woods, Mary B. Woods. Runestone Press, 1999.

Artificial Satellites (Out of This World)

Ray Spangenburg, Kit Moser, Diane Moser. Franklin Watts, 2001.

Energy, Forces & Motion

Alastair Smith, Corinne Henderson, Laura Howell, Judy Osborne Tatchell. EDC Publishing, 2002.

Eyewitness: Force & Motion

Peter Lafferty. DK Publishing, 1999.

Galileo Galilei and the Science of Motion

William J. Boerst. Morgan Reynolds, 2004.

Isaac Newton: Organizing the Universe

William J. Boerst. Morgan Reynolds, 2004.

The Mystery of Gravity

Barry Parker. Benchmark Books/Marshall Cavendish, 2003.

The New Way Things Work

David Macaulay. Houghton Mifflin/Walter Lorraine Books, 1998.

Objects in Motion: Principles of Classical Mechanics

Paul Fleisher. Lerner Publishing, 2002.

Shooting Hoops and Skating Loops: Great Inventions in Sports

Alannah Hegedus, Kaitlin Rainey. Tundra Books, 1999.

Sports Science Projects: Physics of Balls in Motion

Madeline Goodstein. Enslow Publishers, 1999.

Toys in Space: Exploring Science with the Astronauts

Dr. Carolyn Sumners. Learning Triangle Press, 1997.

TEACHER RESOURCES

Fender Bender Physics

Roy Q. Bevan, Robert Raudebaugh. National Science Teachers Association, 2001.

Force and Motion: Stop Faking It! Finally Understand Science So You Can Teach It

William C. Robertson. National Science Teachers Association, 2002.

Hands-On Science Series: Force & Motion

Karen Kwitter, Steven Souza. Walch Publishing, 1999.

Loco-Motion: Physics Models for the Classroom

Ed Sobey. Zephyr Press, 2005.

INTERNET RESOURCES

Preview websites ahead of time to determine whether they are appropriate for your students' needs. You may also wish to research other related websites. A good place to start is the **National Science Teachers Association** website: <http://www.nsta.org/recommendedsites>.

American Association of Physics Teachers

<http://www.aapt.org/index.cfm>

American Institute of Physics, Center for History of Physics

<http://www.aip.org/history/>

American Physical Society

<http://www.physicscentral.com/>

Fear of Physics. Physics. Explained. Finally.

<http://fearofphysics.com>

How Things Work: Explaining the Physics of Everyday Life

<http://howthingswork.virginia.edu/>

The Nobel Prize in Physics

<http://nobelprize.org/physics/>

The Nobel Prize, Physics Education site

<http://nobelprize.org/physics/educational/>

North Carolina State University Physics Demonstrations Room

<http://demoroom.physics.ncsu.edu/>

Physical Sciences Resource Center for Teachers

<http://psrc.aapt.org/>

Physics To Go (physics games, webcasts, online exhibits, and activities)

<http://www.compadre.org/informal/index.cfm>

Physics 2000: An interactive journey through modern physics

<http://www.colorado.edu/physics/2000/index.pl>

The World Year of Physics 2005: A worldwide celebration of physics and its importance in our everyday lives

(The year 2005 marks the hundredth anniversary of Albert Einstein's "miraculous year" in which he published three important papers describing ideas that have since influenced all of modern physics.)

<http://www.physics2005.org/>