

# References and Resources

## STUDENT RESOURCES

### ***Chemicals and Reactions (Science Factory)***

Jon Richards. Millbrook Press, 2000.

### ***A Drop Around the World***

Barbara Shaw McKinney. Dawn Publications, 1998.

### ***A Drop of Water: A Book of Science and Wonder***

Walter Wick. Scholastic Trade, 1997.

### ***Grandpa's Soup***

Eiko Kadono. William B. Eerdmans Publishing, 1999.

### ***The Grumpalump***

Sarah Hayes. Houghton Mifflin, 2000.

### ***Hot and Cold (It's Science)***

Sally Hewitt. Children's Press, 2000.

### ***Icebergs, Ice Caps, and Glaciers (Rookie Read-About Science)***

Allan Fowler. Children's Press, 1997.

### ***The Magic School Bus Gets Baked in a Cake***

Joanna Cole. Econo-Clad Books, 1999.

### ***Matter: Solids, Liquids, and Gases (Science All Around Me)***

Mir Tamim Ansary. Heineman Library, 1997.

### ***The Science of Liquids and Solids (Living Science)***

Krista McLuskey. Gareth Stevens, 2001.

### ***Solid, Liquid or Gas***

Sally Hewitt. Children's Press, 1998.

### ***Solids, Liquids and Gases***

The Ontario Science Centre. Kids Can Press, 2000.

### ***States of Matter (Material World)***

Robert Snedden. Heinemann Library, 2001.

### ***Stone Soup***

Marcia Brown. Econo-Clad Books, 1999.

### ***Water***

Frank Asch. Voyager Picture Book, 2000.

### ***Water Dance***

Thomas Locker. Harcourt, 1997.

### ***What is the World Made Of?: All About Solids, Liquids, and Gases***

Kathleen W. Zoehfeld. HarperCollins, 1998.

## TEACHER RESOURCES

### ***General Chemistry***

Linus Pauling. Dover Publishing, 1989.

## 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://www2.nsta.org/sciencesites/>.

### ***Hydrologic Cycle***

<http://observe.arc.nasa.gov/nasa/earth/hydrocycle/hydro1.html>

### ***Phases of Matter***

<http://www.miamisci.org/af/sln/phases>

### ***Solid, Liquid, Gas***

<http://www.nyu.edu/pages/mathmol/textbook/slg.html>



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### ***Anansi the Spider: A Tale from the Ashanti***

Gerald McDermott. Henry Holt & Company, 1987.

### ***And If the Moon Could Talk***

Kate Banks. Farrar Straus & Giroux, 1998.

### ***Bringing Down the Moon***

Jonathan Emmett. Candlewick Press, 2001.

### ***Look at the Moon***

May Garelick. Mondo Publishing, 1996.

### ***The Magic School Bus Lost in the Solar System***

Joanna Cole. Scholastic Trade, 1999.

### ***Man on the Moon***

Anastasia Suen. Puffin, 1997.

### ***Moon Rope***

Lois Ehlert. Harcourt, 1992.

### ***Moon Tiger***

Penelope Lively. Grove Press, 1997.

### ***Spacebusters: The Race to the Moon***

Philip Wilkinson. Bt Bound, 1999.

### ***Sunshine, Moonshine***

Jennifer Armstrong, et al. Random House, 1997.

### ***To Space and Back***

Sally Ride and Susan Okie. Lothrop Lee & Shepard, 1989.

### ***What Makes Day and Night***

Franklyn M. Branley. Bt Bound, 1999.

### ***What the Moon Is Like***

Franklyn M. Branley. HarperTrophy, 2000.

### ***When the Moon Is Full: A Lunar Year***

Penny Pollock. Little Brown & Co., 2001.

## TEACHER RESOURCES

### ***Astronomy for All Ages***

Phillip Harrington and Edward Pascuzzi. Globe Pequot Press, 2000.

### ***The Compact NASA Atlas of the Solar System***

Ronald Greeley and Raymond Batson. Cambridge University Press, 2001.

### ***Janice VanCleave's Solar System***

Janice VanCleave. John Wiley, 2000.

### ***Out of the Classroom: Observations and Investigations in Astronomy***

Dennis W. Dawson. Brooks/Cole Publishing Company, 2001.

### ***Soaring Through the Universe: Astronomy Through Children's Literature***

Joanne C. Letwinch. Libraries Unlimited, 1999.

## INTERNET RESOURCES

Preview websites ahead of time to determine whether they are appropriate for the needs and level of your students. You may also wish to research other related websites. A good place to start is the **National Science Teachers Association** website: <http://www2.nsta.org/sciencesites/>.

### **Earth and Moon Viewer**

<http://www.fourmilab.ch/earthview/vplanet.html>

### **NASA Kids' Club**

<http://www.nasa.gov/audience/forkids/kidsclub/flash/index.html>

**The Old Farmer's Almanac**

<http://www.almanac.com>

**Solar System Exploration**

<http://sse.jpl.nasa.gov/kids/index.cfm>

**U.S. Naval Observatory**

<http://aa.usno.navy.mil/data>

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### ***Animals Under the Ground***

Allan Fowler. Children's Press, 1998.

### ***Dirt (Jump Into Science)***

Steve Tomecek. National Geographic, 2002.

### ***Dirt: The Scoop on Soil***

Natalie M. Rosinsky. Picture Window Books, 2002.

### ***Earthworms (Animals)***

Kevin J. Holmes. Bridgestone Books, 1998.

### ***An Earthworm's Life (Nature Upclose)***

John Himmelman. Children's Press, 2001.

### ***Erosion***

Rebecca Olien. Bridgestone Books, 2001.

### ***Garden***

Robert Maass. Henry Holt and Co., 1998.

### ***A Handful of Dirt***

Raymond Bial. Walker and Co., 2000.

### ***The Living Earth***

Eleonore Schmid. North South Books, 2000.

### ***The Science of Soil (Living Science)***

Jonathan Bocknek. Gareth Stevens, 1999.

### ***Soil***

Adele D. Richardson. Bridgestone Books, 2001.

### ***Soil (Materials, Materials, Materials)***

Chris Oxlade. Heinemann Library, 2002.

### ***Soil (Simply Science)***

Alice K. Flanagan. Compass Point Books, 2000.

### ***Underfoot***

David M. Schwartz. Gareth Stevens, 2001.

### ***Under One Rock: Bugs, Slugs, and Other Ughs***

Anthony D. Fredericks. Dawn Publications, 2001.

### ***Wonderful Worms***

Linda Glaser. Bt Bound, 2001.

## TEACHER RESOURCES

### ***Dig In!: Hands-On Soil Investigations***

National Science Teachers Association, 2001.

### ***Hands-On Earth Science Activities (For Grades K–6)***

Marvin N. Tolman. Jossey-Bass, 2006.

### ***The Nature and Properties of Soils***

Nyle C. Brady and Ray R. Weil. Prentice Hall, 2001.

### ***Soil Science Simplified***

Helmut Kohnke and D.P. Franzmeier. Waveland Press, 1995.

## 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://www2.nsta.org/sciencesites/>.

### ***The Dirt on Soil***

#### **What's Really Going on Under the Ground**

<http://school.discovery.com/schooladventures/soil/>

**Discovery Channel**  
**Visit Wendell's Cousins**

<http://yucky.kids.discovery.com/noflash/worm/pg000216.html>

**Nature Watch**  
**Worm Watch**

[www.naturewatch.ca/english/wormwatch/cool/fun\\_facts.html](http://www.naturewatch.ca/english/wormwatch/cool/fun_facts.html)

**U.S. Bureau of Land Management**  
**Soil Biological Communities**

<http://www.blm.gov/nstc/soil/Kids/>

**U.S. Department of Agriculture**  
**Science 4 Kids Soil page**

<http://www.ars.usda.gov/is/kids/soil/soilintro.htm>

**U.S. Environmental Protection Agency**  
**What on Earth is Soil?**

<http://www.epa.gov/gmpo/edresources/soil.html>

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## STUDENT RESOURCES

### ***Are You a Ladybug? (Backyard Books)***

Judy Allen. Larousse Kingfisher Chambers, 2000.

### ***Are You an Ant? (Backyard Books)***

Judy Allen. Larousse Kingfisher Chambers, 2002.

### ***Bean***

Angela Royston. Heinemann Library, 2001.

### ***Bugs Are Insects***

Anne F. Rockwell. Harper Collins Juvenile Books, 2001.

### ***From Seed to Plant (Rookie Read-About Science)***

Allan Fowler. Children's Book Press, 2001.

### ***Insects Grow and Change***

Elaine Pascoe. Gareth Stevens, 2002.

### ***Ladybugology (Backyard Buddies)***

Michael Elsohn Ross. Carolrhoda Books, 2003.

### ***Life Cycles***

Michael Ross. Millbrook Press, 2001.

### ***Life Cycles (Discovering Nature)***

Sally Hewitt. Millbrook Press, 2000.

### ***The Magic School Bus Gets Eaten: A Book About Food Chains***

Joanna Cole. Bt Bound, 1999.

### ***Plant Life (Cycles in Nature)***

Theresa Greenaway. Raintree/Steck Vaughn, 2000.

### ***Seeds, Stems, and Stamens***

Susan Goodman. Millbrook Press, 2001.

### ***Who Eats What?: Food Chains and Food Webs***

Patricia Lauber. Bt Bound, 1999.

## TEACHER RESOURCES

### ***Discovering the Naturalist Intelligence: Science in the School Yard***

Jenna Glock, et al. Zephyr Press, 1999.

### ***Hands-On Life Science Activities for Grades K-6***

Marvin N. Tolman. Jossey-Bass, 2006.

### ***Learning About Plants (Science Works for Kids)***

Jo Ellen Moore. Evan-Moor Educational Publishers, 2000.

### ***Unearthing Garden Mysteries: Experiments for Kids***

Ellen Talmage. Fulcrum, 2000.

## 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://www2.nsta.org/sciencesites/>.

### **American Museum of Natural History Ants**

<http://antbase.org>

### **The Exploratorium Mutant Fruit Flies**

[http://www.exploratorium.edu/exhibits/mutant\\_flies/mutant\\_flies.html](http://www.exploratorium.edu/exhibits/mutant_flies/mutant_flies.html)

**U.S. Fish & Wildlife Service**  
**The Endangered Species Program**  
<http://endangered.fws.gov/>

**Virginia State University Entomology Dept.**  
**Aphids**  
<http://www.ext.vt.edu/departments/entomology/ornamentals/aphids.html>