

Independent School District of Boise City

Science 2 Appendix Bibliography

District Course #2006

This Bibliography provides a sampling of books and other resources that complement the various science units. The selections were made from the resource portions of each kit as well as the National Science Teachers Association (<http://www.nsta.org>). Please visit these areas for more ideas.

Changes

Blume, Judy. *Freckle Juice*. New York: Four Winds Press, 1985.
Andrew wants freckles so badly that he buys Sharon's freckle recipe for 50 cents.

Galdone, Paul. *The Little Red Hen*. New York: Seabury Press, 1973.
The little red hen finds none of her lazy friends willing to help her plant, harvest, or grind wheat into flour. But all are eager to eat the cake she makes from it.

Sharmat, Marjorie Weinman. *Nate the Great*. New York: Coward McCann Geoghegan, 1972.
Nate the Great solves the mystery of the missing picture.

Balancing and Weighing

Fitzpatrick, Julie. *Balancing*. Illustrated by Diana Bowles. Englewood Cliffs, NJ: Silver Burdett Press, 1988.
This book contains activities that are designed to encourage students to explore balance. It contains illustrations and clear directions for making balance toys and mobiles and creating balances with fulcrums. The text defines terms such as balance, lever, fulcrum, balance point, and mass in simple words.

Jennings, Terry. *Balancing*. Illustrated by David Anstey. New York: Gloucester Press, 1989.
This book contains illustrations that show children involved in balancing activities: playing on seesaws, walking on beams, and riding tricycles and bicycles. It also provides simple directions for making balance toys and mobiles.

McCully, Emily Arnold. *Mirette on the High Wire*. New York: The Putnam Publishing Group, 1992.
Emily McCully's watercolor illustrations enhance her story about a little girl's friendship with a tightrope walker who has become afraid of walking the high wire. Mirette learns to walk the rope and, in the process, helps "The Great Bellini" rebuild his courage. This book complements the reading selection in Lesson 3 of Balancing and Weighing unit.

The Life Cycle of Butterflies

Kent, Jack. *The Caterpillar and the Polliwog*. Englewood Cliffs, New Jersey: Prentice-Hall, 1982.

Impressed by the caterpillar's boast that she will turn into a butterfly, a polliwog is determined to watch the caterpillar very carefully and turn into a butterfly, too.

Ryder, Joanne. *Where Butterflies Grow*. New York: E.P. Dutton, 1989.

An imaginative tale of metamorphosis and how it must feel to experience it. Excellent illustrations. Provides hints about how to attract butterflies to your garden.

Viorst, Judith. *The Tenth Good Thing About Barney*. New York: Atheneum, 1971.

A sensitive story about Barney and how everyone acted and felt when he died. Portrays death as a natural part of life.

Air and Weather

Hiscock, Bruce. *The Big Rivers: The Missouri, the Mississippi, and the Ohio*. Atheneum. ISBN 0-689-80871-2

This book describes how the Missouri, Mississippi, and Ohio Rivers produced the Midwest floods of 1993. Watercolor illustrations set the mood for the simple text in picture book format. This is an excellent book on weather phenomena for young children.

Simon, Seymour. *Tornadoes*. Morrow/HarperCollins. ISBN 0-688-14647-3

Extensive information on tornadoes is provided for readers. More specifically there are explanations of how tornadoes develop, where they occur, how they are tracked, and the dangers associated with them. Through the use of well-illustrated diagrams and real-life photographs, the reader can explore this weather phenomenon.