



What is Energy? Lessons

Websites

[Energy Bike Programs](http://www.ohioenergy.org/bike.html)

Information on the energy bike program which uses pedal power to generate electricity.
(<http://www.ohioenergy.org/bike.html>)

[Energy Information Administration: Kids Page](http://www.eia.doe.gov/kids/)

An excellent site for students to explore independently to learn more about energy.
(<http://www.eia.doe.gov/kids/>)

[Energy Quest](http://www.energyquest.ca.gov/index.html)

This kid-friendly site from the California Energy Commission provides great information on energy.
(<http://www.energyquest.ca.gov/index.html>)

[Energy Story](http://www.energyquest.ca.gov/story/chapter01.html)

Explains the concept of energy at an appropriate level for upper elementary students. The section on "Food Energy" uses an ear of corn to explain how energy changes form in the food chain.
(<http://www.energyquest.ca.gov/story/chapter01.html>)

[What is Energy?](http://www.uwsp.edu/cnr/wcee/keep/Mod1/Whatis/energyforms.htm)

This site contains a nice breakdown of the forms of energy with detailed explanations of each form.
(<http://www.uwsp.edu/cnr/wcee/keep/Mod1/Whatis/energyforms.htm>)



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Books

Energy Makes Things Happen

By Kimberly Brubaker Bradley and Paul Meisel. (2002, Harper Trophy)

This book for early elementary readers uses familiar examples and a clear focus to introduce forms of energy.

Full of Energy

By Sally Hewitt. (1998, Scholastic Library Publishing)

This book for early elementary readers introduces the concept of energy and highlights familiar sources of energy such as food, the sun, wind, water, and other sources.

The Nature and Science of Energy

By Jane Burton and Kim Taylor. (1998, Gareth Stevens)

This book for upper elementary and middle school readers describes different kinds of energy, explores some properties of energy, and gives information about some of the different forms of energy.

How Do We Know Energy Exists?

By Terry Jennings and Ronnie C. Tyler. (2000, Raintree Steck-Vaughn)

This age-appropriate book explores energy and provides students with insights into ways they can tell that energy exists in the world around them. Although this book is out of print, you may be able to find it in your local library.

The Wind at Work: An Activity Guide to Windmills

By Gretchen Woelfle. (1997, Chicago Review Press)

Focusing on the use of wind as a source of power, this age appropriate book provides wonderful historical accounts of ancient windmills as well as information about the modern wind turbine.



Windmills

By Laura Brooks. (2003, Metro Books)

A beautiful compilation of dramatic and intriguing views of windmills. Students can explore a windmill's form, function, and style through diagrams and photographs.