

Audubon Center & Sanctuary

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Electrical Footprint: Curriculum Integration Guide

Warm up Their Brains Before We Come

- **Pre-visit Activity:** Ask students what uses electricity in their homes and brainstorm a list of the things that use the most electricity.
- Find out if any of your students do things to use less electricity in their house and what those things are.

Activities and Ideas for Extending the Learning

- Use the post-visit activity to reinforce the concepts.
- Do an energy audit of your classroom or your school to see what uses electricity.
- Visit the Department of Energy's website: www.energy.gov for lesson plans and information on grants and contests available to make schools more energy efficient.
- Come to Audubon! We have solar panels, energy efficiency exhibits and more!

NYS Standard - The Living Environment

Major Understanding: # 7.2d . . .

human activities have resulted in major pollution of air water and soil. . . The survival of living things on our planet depends on the conservation and protection of Earth's resources.

PA Environmental Education Standard

EE 4.8.7 A.1 Explain how people use natural resources in their environment.

Students will understand what uses electricity in their homes, the environmental effects of electricity use, and how to lower electricity use in the home.

Web Resources

Checkout the following links:

- www1.eere.energy.gov/consumer/tips/ This PDF from the US Department of Energy has tips on reducing energy use in the home.
- www.getenergysmart.org/EnergyEducation/Default.aspx . The New York State Energy Research and Development Authority has information for teachers and students, as well as money for some energy projects at schools.
- <http://www.gggc.state.pa.us/gggc/cwp/view.asp> for information on Pennsylvania's Green Government Council and links to more curriculum, PA funding opportunities, and more.

