



Lesson Plan: The Energy Action Challenge

Objectives:

- Students will be able to assess the energy consumption in the classroom and at home
- Students will be able to suggest ways to conserve energy and resources

Standards: (Cited from Ohio's Department of Education)

- 3-5: Describe Earth's resources including rocks, soil, water, air, animals, and plants and the ways in which they can be conserved (pg. 108)
- 3-5: Summarize the way changes in temperature can be produced and thermal energy transferred (pg. 109)
- 3-5: Describe how technology affects human life (pg. 109)
- 3-5: Organize and evaluate observations, measurements, and other data to formulate inferences and conclusions (pg. 110)

Activities:

1. Have students complete Part I for the classroom. Allow them to walk around the room to complete the Energy Action Challenge.
2. Follow the rest of the instructions as indicated in the procedure

Assessment:

- Completed Student Activity Sheet
- Completed Plan of Action Sheet
- Participation in discussion

Source: U.S. Department of Energy – Energy Efficiency and Renewable Energy