



## Lesson Plan: Waste Watchers

### Objectives:

- Students will be able to identify ways to save energy in their daily lives
- Students will be able to explain how saving energy can reduce air pollution

### 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. Follow the instructions as presented in "Waste Watchers" worksheet
2. Have students bring the Home Audit worksheet home for homework and review the next day (class comparison through mathematical charts?)
3. Have students write out a brochure that outline energy-saving actions people can take and why.

### Assessment:

- Completion of Reading an Electric Meter
- Completion of Home Audit worksheet
- Participation in class discussion on conserving energy
- Completion of brochure

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