



Lesson Plan: Secondary InfoBook Activities

Objectives:

- Students will be able to identify different forms of energy
- Students will be able to distinguish between renewable and non renewable energy sources
- Students will be able to explain how each source is used in everyday life
- Students will be able to understand where electricity comes from

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

- 9-10: Describe the finite nature of Earth's resources and those human activities that can conserve or deplete Earth's resources (pg. 132)
- 9-10: Explain the flow of energy and the cycling of matter through biological and ecological systems (pg. 132)
- 9-10: Describe how human activities can impact the status of natural systems (pg. 132)
- 9-10: Explain how energy may change form or be redistributed by the total quantity of energy is conserved (pg. 134)
- 10-12: Describe how atoms and molecules can gain or lose energy only in discrete amounts (pg. 149)

Activities:

1. Follow instructions as presented by the Secondary Infobook Activities
2. Includes – Fill in the Blank Worksheets, Short Answer Worksheets, Mathematical Charts, Crossword Puzzles

Assessment:

- Completion of worksheets
- Participation in discussion

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