

## Uses of Energy

Lesson Title: Power Play

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Name: \_\_\_\_\_

Answer the following questions by exploring the website

**Uses of Energy:** <http://www.eia.doe.gov/kids/energyfacts/uses/consumption.html>

- What are the four main uses of energy categories?

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

- Which one of these categories uses the most energy? Which uses the least? (Be sure to give the percentage for each.)

### Transportation

- What types of energy help power transportation?
- What is the total percentage of energy that powers automobiles, light trucks, and other trucks?
- What types of work do these fuel-powered vehicles do?

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### **Commercial Buildings**

- What are the main forms of energy employed in commercial buildings?
- What type of energy provides power for lighting?
- What type of commercial building makes use of the most energy? What types of work do these buildings do?

### **Residential (household)**

- What are the different ways that energy is put to use in households?
- What is the primary energy source that provides heat in most single-family homes? Where are personal computers more commonly used—in multi-family dwellings or mobile homes?

### **Industrial & Manufacturing**

- In manufacturing, what is the primary way that coal is put to use? Electricity?
- Which industry makes the most use of energy?