

## 6.36 Kinds of energy

**Topic:** Conservation

**Subtopic:** Energy sources

**Activity type/skill:** Using words in new contexts

**Literacy focus:** Vocabulary

### Objective

- Relate information about energy to their own lives.
- Use new vocabulary.

### What you need

- Student worksheet (see next page)

### What to do

1. Look at the top of the student worksheet and read the information together.
2. Work as a group to complete the information in part A.
3. Look at the bottom of the student worksheet and talk about renewable and non-renewable resources. Complete the names of the energy sources.
4. Identify the energy resources used to provide energy in the classroom and decide which are renewable and which are non-renewable.

### Answers:

1. movement energy from food and gravitational energy when you go downhill
2. stored energy in a battery
3. heat energy from electricity or gas
4. wind energy
5. heat energy, wind energy
6. heat, sound and movement energy from oil
7. light and sound energy from electricity
8. movement and heat energy from electricity
9. heat energy from wood or coal.

Renewable energy – living things, sun, wind, water

Non-renewable energy – nuclear, oil, gas, coal

## Activity thirty-six

### A. What kinds of energy do you use when you \_\_\_\_\_?

1. ride a bicycle \_\_\_\_\_
2. send a text message \_\_\_\_\_
3. cook some noodles \_\_\_\_\_
4. fly a kite \_\_\_\_\_
5. dry washing outside \_\_\_\_\_
6. go in a car \_\_\_\_\_
7. watch TV \_\_\_\_\_
8. wash clothes \_\_\_\_\_
9. get warm in front of a fire \_\_\_\_\_

### B. Try thinking about energy in another way

Energy can be **renewable**. The same energy source can be used again and again. Energy can be **non-renewable**. The energy source is used once and its fuel is gone forever.

#### Renewable energy



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things



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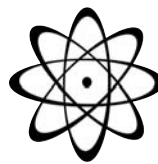


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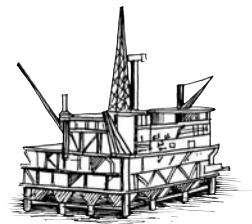


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#### Non-renewable energy



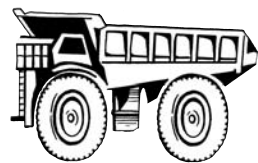
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