

**Grade:** 3

**Subject:** Science

**Topic:** Energy



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**1. Which of these is an example of using light energy?**

- A) Reading a book with a lamp
- B) Eating a sandwich
- C) Sleeping in a dark room
- D) Feeling the warmth of the sun

**2. What type of energy do we get from food?**

- A) Light energy
- B) Sound energy
- C) Chemical energy
- D) Heat energy

**3. A rolling ball eventually stops. What happened to its energy?**

- A) It disappeared
- B) It turned into light
- C) It turned into heat and sound
- D) It was destroyed

**4. If you rub your hands together quickly, they get warmer. What type of energy is being transformed?**

- A) Light energy to heat energy
- B) Sound energy to heat energy

C) Mechanical energy to heat energy

D) Chemical energy to heat energy

**5. A wind turbine uses wind to generate electricity. What type of energy is transformed into electrical energy?**

A) Chemical energy

B) Heat energy

C) Mechanical energy

D) Sound energy

**6. Imagine you are building a solar-powered car. What part of the car uses the sun's energy directly?**

A) The wheels

B) The steering wheel

C) The solar panel

D) The battery

**7. A plant grows taller using energy from the sun. What process allows this to happen?**

A) Respiration

B) Photosynthesis

C) Digestion

D) Combustion