Energy Transfer Evidence

Grade 4 Science Worksheet - Building Confidence

Name _____ Date _____

Circle the answer.

1. A toy car stops when its battery has no energy left. Why does it stop?

   the wires turned into sound

   the battery has no more energy to send

   the car got too much light

2. A spoon is left in hot soup. After a minute the handle is warm. How did the energy reach the handle?

   heat moved along the spoon

   sound moved along the spoon

   light moved along the spoon

3. A metal spoon and a plastic spoon stand in the same hot cup. The top of the metal spoon gets hot and the top of the plastic spoon stays cooler. What is supported?

   plastic makes cold energy

   heat moves along metal better than along plastic

   heat moves along plastic better than along metal

4. A student wants evidence that light can carry energy. Which test could show it?

   ring a bell next to the thermometer

   put a thermometer in sunlight and watch the temperature rise

   put the thermometer in a dark drawer for an hour

Scan to get this marked free. No screen time for your child.
Print it · do it in pencil · scan it · PencilGo picks the next sheet.

Energy Transfer Evidence

Answer Key - Grade 4 Science Worksheet - Building Confidence

Circle the answer.

1. A toy car stops when its battery has no energy left. Why does it stop?

   the wires turned into sound

   the battery has no more energy to send

   the car got too much light

2. A spoon is left in hot soup. After a minute the handle is warm. How did the energy reach the handle?

   heat moved along the spoon

   sound moved along the spoon

   light moved along the spoon

3. A metal spoon and a plastic spoon stand in the same hot cup. The top of the metal spoon gets hot and the top of the plastic spoon stays cooler. What is supported?

   plastic makes cold energy

   heat moves along metal better than along plastic

   heat moves along plastic better than along metal

4. A student wants evidence that light can carry energy. Which test could show it?

   ring a bell next to the thermometer

   put a thermometer in sunlight and watch the temperature rise

   put the thermometer in a dark drawer for an hour