Energy Transfer Evidence

Grade 4 Science Worksheet

Name _____ Date _____

Circle the answer.

1. A bell rings inside a sealed jar. As the air is pumped out, the ringing gets quieter. What does this suggest?

   the bell gets weaker on its own

   light stops the sound

   sound needs matter such as air to travel through

   sound travels better with no air

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

   the battery has no more energy to send

   the wheels got too much energy

   the car got too much light

   the wires turned into sound

3. A student says, "The lamp makes light out of nothing." Which observation best shows this is wrong?

   the lamp makes a shadow

   the lamp looks yellow

   the lamp is bright

   the lamp stops giving light when it is unplugged

4. 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?

   metal spoons give off sound

   plastic makes cold energy

   heat moves along plastic better than along metal

   heat moves along metal better than along plastic

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Answer Key - Grade 4 Science Worksheet

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