Energy Transfer Evidence

Grade 4 Science Worksheet

Name _____ Date _____

Circle the answer.

1. You clap your hands. What shows that sound energy was made?

   your hands turn cold a bulb lights up you can hear it you can see a shadow

2. You rub your hands together fast. What do you notice?

   they start to glow they get colder they get warmer they turn to ice

3. A lamp is on for 10 minutes. A thermometer 10 cm away rises from 21 to 27 degrees Celsius. A thermometer 40 cm away rises from 21 to 23 degrees. What does this suggest?

   more energy reaches a thermometer that is closer to the lamp

   the lamp gave off cold to the far thermometer

   more energy reaches the thermometer that is farther away

   distance made no difference

4. A struck tuning fork touches water and the water splashes. What does this show?

   the vibrating fork passed energy to the water

   the fork made the water cold

   the water passed energy to the fork

   the splash was caused by light

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

Circle the answer.

1. You clap your hands. What shows that sound energy was made?

your hands turn cold a bulb lights up **you can hear it**

you can see a shadow

2. You rub your hands together fast. What do you notice?

they start to glow they get colder **they get warmer** they turn to ice

3. A lamp is on for 10 minutes. A thermometer 10 cm away rises from 21 to 27 degrees Celsius. A thermometer 40 cm away rises from 21 to 23 degrees. What does this suggest?

more energy reaches a thermometer that is closer to the lamp

the lamp gave off cold to the far thermometer

more energy reaches the thermometer that is farther away

distance made no difference

4. A struck tuning fork touches water and the water splashes. What does this show?

the vibrating fork passed energy to the water

the fork made the water cold

the water passed energy to the fork

the splash was caused by light