Waves, Light, and Sound

Grade 4 Science Worksheet - Building Confidence

Name _____ Date _____

Circle the answer.

1. A boy turns up the volume on a radio. What changes about the sound waves?

   their amplitude gets bigger

   their amplitude gets smaller

   their wavelength gets longer

2. What is the top of a wave called?

   the wavelength the crest the trough

3. Why can you see a tree outside your window on a sunny day?

   light leaves your eyes and lights up the tree

   the tree glows with its own light

   sunlight reflects off the tree and enters your eyes

4. Why can you see a lamp that is switched on, even in a dark room?

   the dark room reflects light onto the lamp

   your eyes shine light onto the lamp

   the lamp gives off its own light into your eyes

5. A toy duck floats on a pond. A wave passes under it. How does the duck move?

   all the way across the pond with the wave

   down to the bottom of the pond

   up and down in about the same spot

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Answer Key - Grade 4 Science Worksheet - Building Confidence

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