



Waves: Light and Sound

Name: _____

Date: _____

Grade: Grade 4

Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: Grade 4 kids learns that radio waves carry music to our cars and homes.

Rewrite: _____

2. Fix the sentence: Sunlight contain many colors of light waves, Grade 4 students discover.

Rewrite: _____

3. Fix the sentence: Ocean wave moves water up and down in Grade 4 science class.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

1. In Grade 4 science, the waves that carry songs to a car speaker are called _____ waves.
2. Grade 4: a hospital uses _____ to take pictures of bones inside the body.
3. The ocean uses water _____ that move up and down along the shore in Grade 4 lessons.
4. Grade 4 students know that _____ from the Sun gives Earth light and warmth.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. In Grade 4 words, name two waves you might use at home and tell what each one does.

2. Grade 4 question: how are ocean waves different from light waves?

Answer Key · Waves: Light and Sound · Grade: Grade 4

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Part B: Fill in the Blank

Write the missing word or number on each line.

1. In Grade 4 science, the waves that carry songs to a car speaker are called radio waves.
2. Grade 4: a hospital uses x-rays to take pictures of bones inside the body.
3. The ocean uses water waves that move up and down along the shore in Grade 4 lessons.
4. Grade 4 students know that sunlight from the Sun gives Earth light and warmth.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. In Grade 4 words, name two waves you might use at home and tell what each one does.

Radio waves bring music to my radio so I can listen to songs. Microwaves in our microwave oven heat my food quickly by making the water inside it move and warm up.

2. Grade 4 question: how are ocean waves different from light waves?

Ocean waves are made of water that moves up and down, and they need water to travel. Light waves do not need water or air, and they can travel through empty space from the Sun to Earth.
