

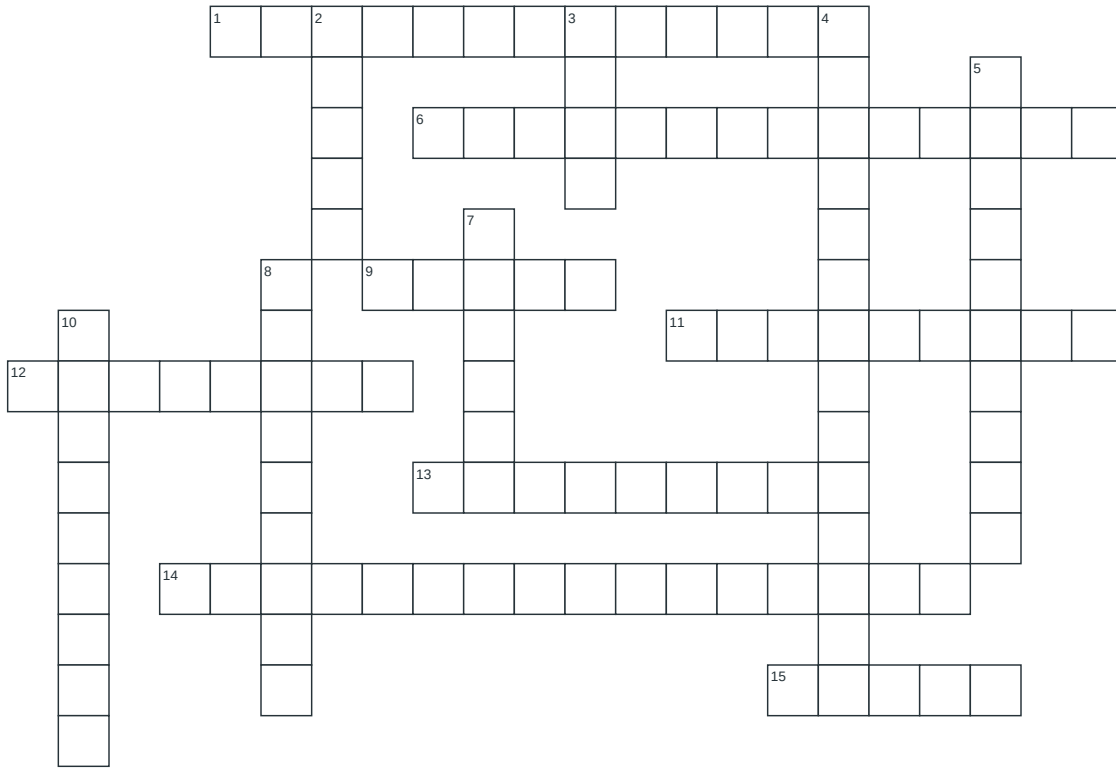
Waves and Sound Crossword

Medium | 15 clues | Student Worksheet

Name: _____

Date: _____

Directions: Use the clues to complete the grid. Omit spaces, punctuation, and hyphens.



ACROSS

1. In air, a listener hears a siren at a higher pitch as its source approaches. Which effect explains this
6. Wave that requires a material medium to travel.
9. Highest point of a transverse wave relative to equilibrium.
11. Distance a wave disturbance travels per unit time.
12. Perception associated with sound intensity and hearing conditions.
13. The maximum displacement from equilibrium
14. Wave whose oscillations are parallel to its direction of travel.
15. Unit that is used for frequency

DOWN

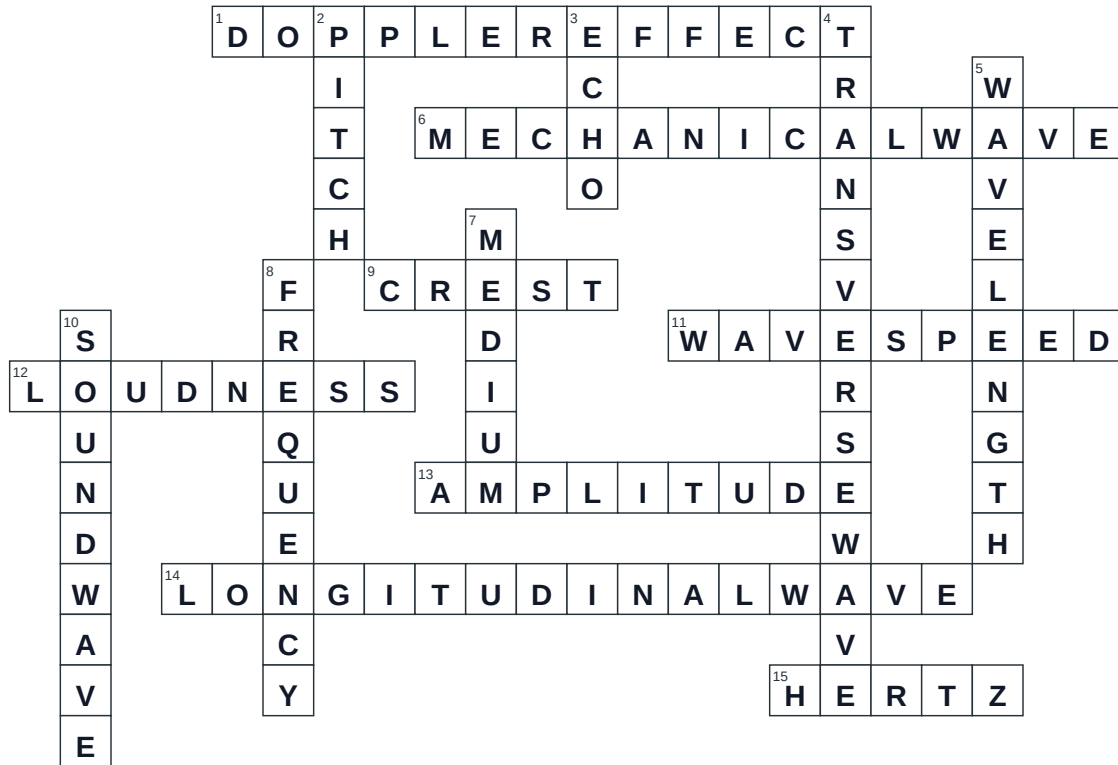
2. Perception associated mainly with sound frequency.
3. A reflected sound heard after the original
4. A wave with oscillations perpendicular to its direction of travel
5. The distance between corresponding points on adjacent cycles
7. Material through which a mechanical wave travels.
8. The number of cycles per unit time
10. Mechanical pressure disturbance that travels through a material medium.

Waves and Sound Crossword

Medium | 15 clues | Teacher Answer Key

TEACHER ANSWER KEY

Completed grid and numbered answers. Spaces and punctuation are omitted in the grid.



ACROSS

1. Doppler Effect
6. Mechanical wave
9. Crest
11. Wave speed
12. Loudness
13. Amplitude
14. Longitudinal wave
15. Hertz

DOWN

2. Pitch
3. Echo
4. Transverse Wave
5. Wavelength
7. Medium
8. Frequency
10. Sound wave