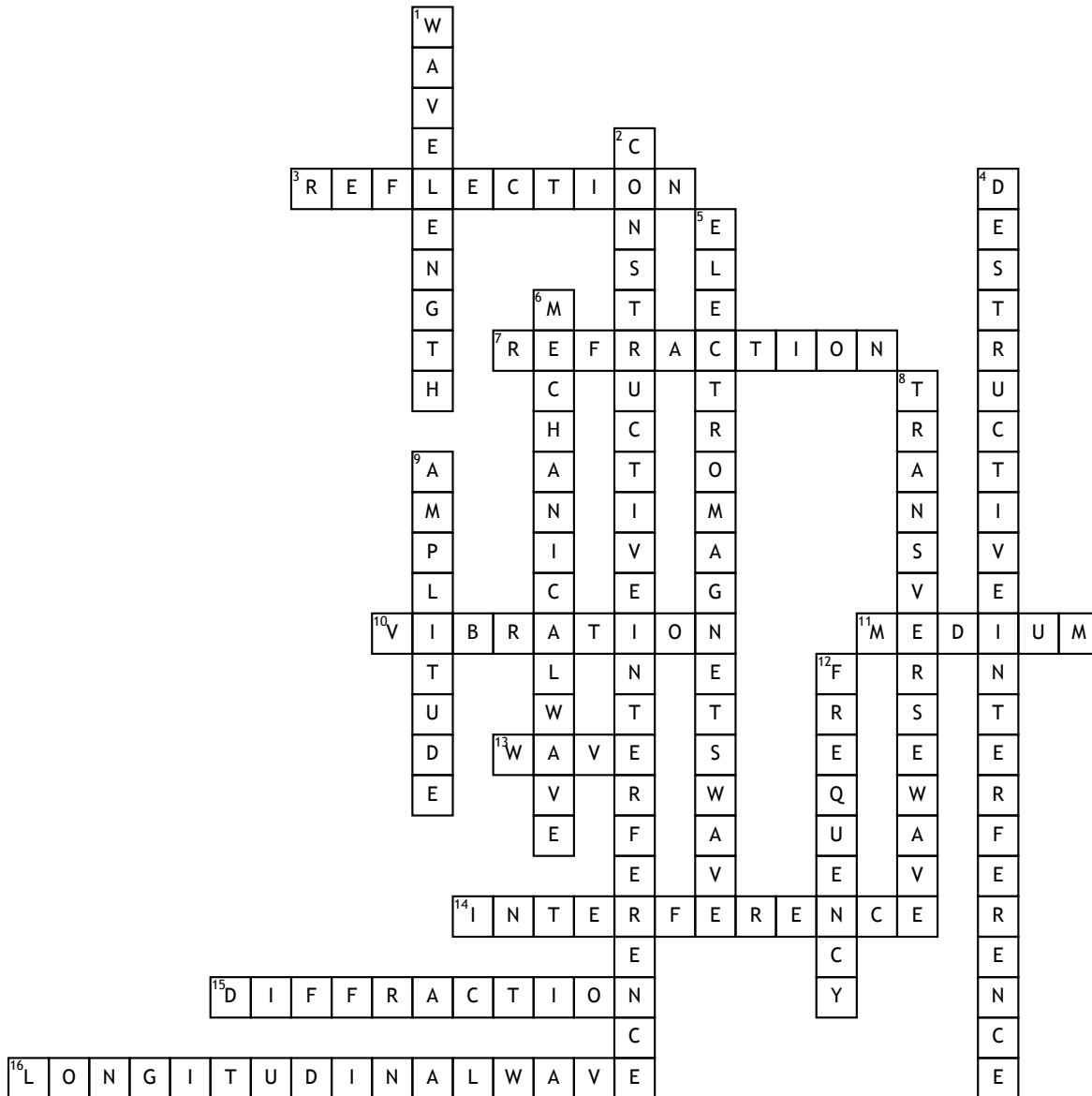


Waves Vocabulary Crossword Puzzle



Across

- 3. occurs when a wave bounces back after striking something
- 7. occurs when a wave passes from one medium into another and changes direction
- 10. a repeated back and forth movement of matter; often necessary to produce waves
- 11. a substance or matter through which a wave travels
- 13. a traveling disturbance that carries energy through matter and space
- 14. the ability for two waves to combine and make a new wave when they overlap

- 15. is the bending of waves around a barrier or object
- 16. a type of wave in which particles of the medium vibrate back and forth

Down

- 1. the distance between any two adjacent (side by side) wave crests or two adjacent wave troughs
- 2. wave interface that forms a larger wave when two wave amplitudes overlap
- 4. wave interference that can form a smaller wave or cancel each other out when two wave amplitudes meet

- 5. waves that move through empty space (Vacuum) or use matter to transfer energy
- 6. waves that use matter to move or transfer energy
- 8. a type of wave in which particles move across or perpendicular to the direction the wave is traveling
- 9. the distance between a wave's resting point and its trough or crest
- 12. the number of complete waves that pass a point in a certain time period