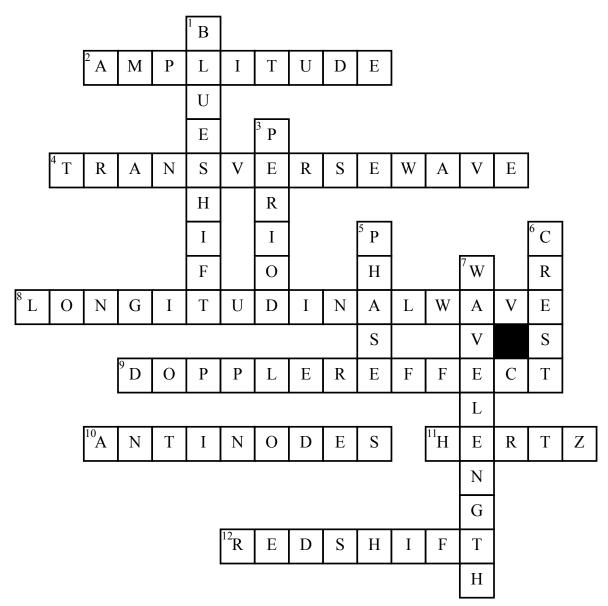
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Physics Wave Vocabulary



Across

- **2.** the distance from the equilibrium position where it would end if it stopped oscillating.
- **4.** Waves in which the particles of the medium vibrate with an up and down motion.
- **8.** Waves in which the particles of the medium vibrate back and forth along the path that the wave travels
- **9.** the apparent change in frequency of a wave due to relative motion of the observer and/or source.
- **10.** The positions on a standing wave with the largest amplitudes
- 11. the SI unit of frequency, equal to one cycle per second.
- **12.** moving away from you; lower frequency

Down

1. moving toward you; higher frequency

- **3.** the time needed for an object to complete one full cycle of simple harmonic motion time for one full movement; 1 complete back and forth
- **5.** displacement and velocity of a particle in a wave medium
- **6.** is a point on the wave where the displacement of the medium is at a maximum.
- 7. The distance between two similar parts of a wave