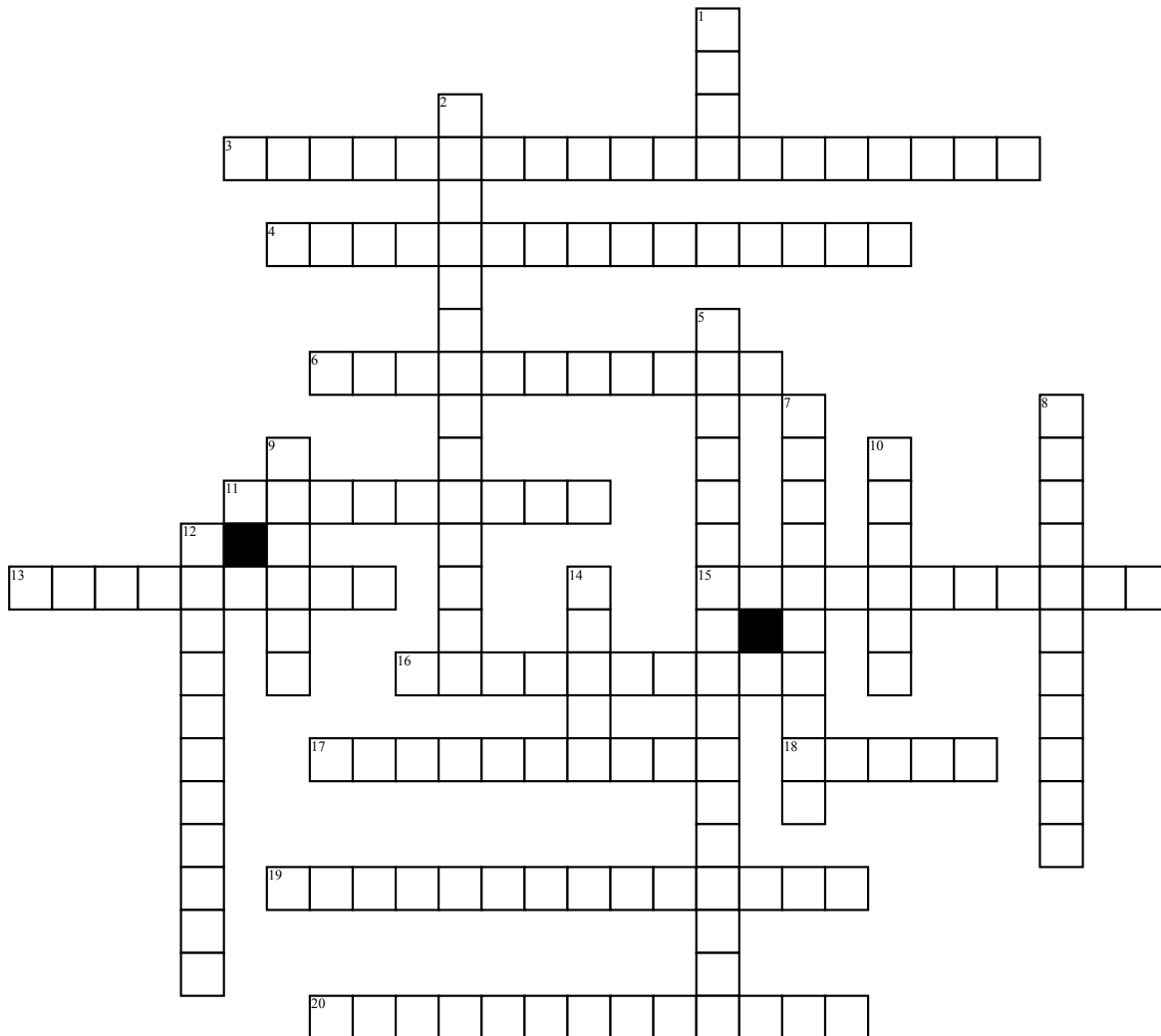


Vocabulary Crossword for Waves



Across

3. A wave that does not require a medium to travel, for example, it can travel through a vacuum. Also called an EM wave.
4. The energy possessed by a body by virtue of its position relative to others, stresses within itself, electric charge, and other factors.
6. When the particles of a longitudinal wave are far apart.
11. How many waves go past a point in one second. Measured in hertz (Hz).
13. How far the medium (crest and troughs, or compressions and rarefactions) move from rest position (the place the medium is when not moving).
15. radiant energy emitted by the sun.
16. When a wave bounces off a surface.

17. When a wave bends.

18. The alternate rising and falling of the sea, usually twice in each lunar day at a particular place, due to the attraction of the moon and sun.

19. A wave that requires a medium to travel.

20. energy that a body possesses by virtue of being in motion

Down

1. A disturbance that carries energy from one place to another.

2. A wave in which the medium moves at right angles to the direction of the wave.

5. A wave in which the medium moves back and forth in the same direction as the wave.

7. Distance between one point on a wave and the exact same place on the next wave.

8. When the particles of a longitudinal wave are close together.

9. The lowest point on a transverse wave.

10. The capacity to do work.

12. The bending of waves around an object.

14. The highest point on a transverse wave.