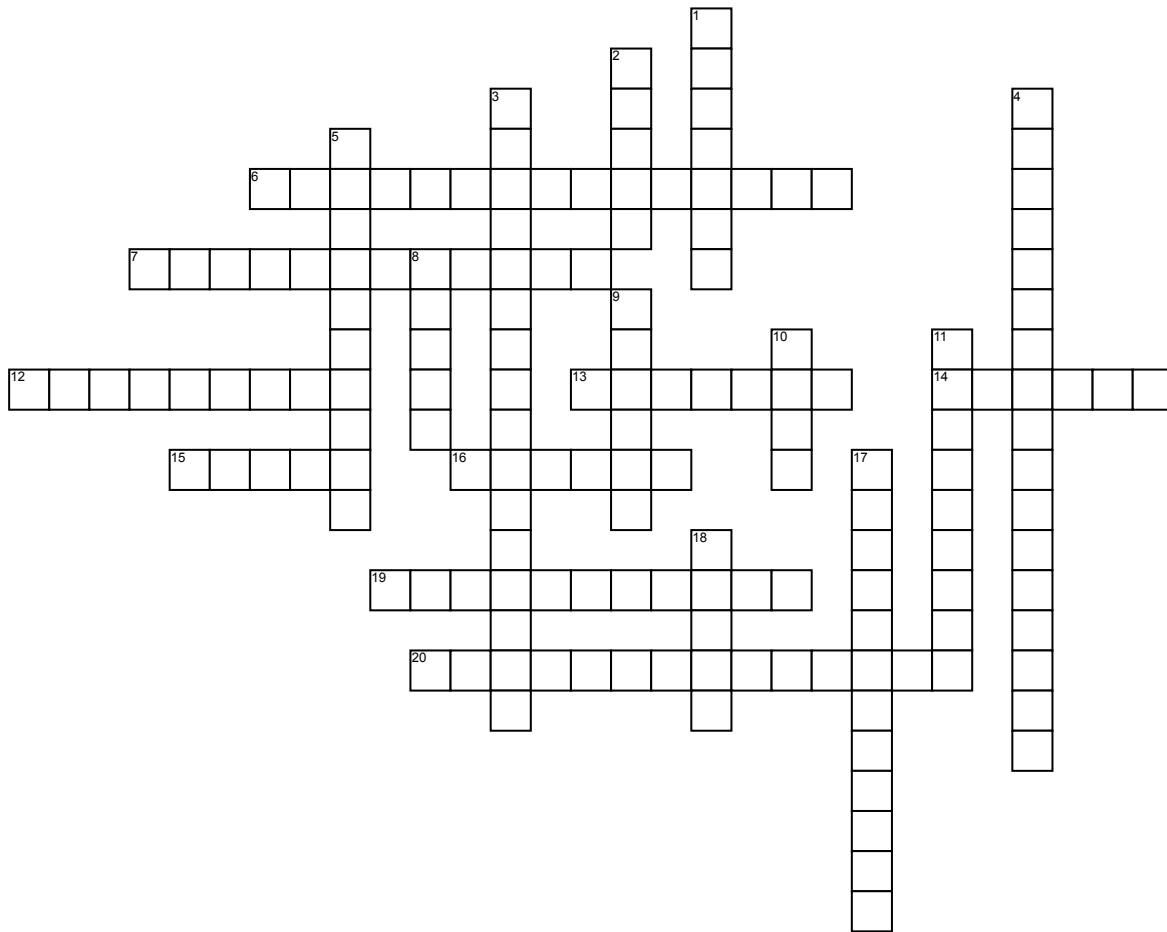


Science vocabulary



Across

- 6.** A wave that transfers energy perpendicular to its medium... the energy moves one direction while the medium moves at a right angle to it.
- 7.** Parts were the waves are close together
- 12.** A repeated up and down or back and forth motion
- 13.** To bounce off
- 14.** Material in which waves travel
- 15.** The highest point of a transverse wave
- 16.** The lowest point of a transverse wave
- 19.** The apparent bending of waves around a small obstacle

- 20.** A wave that requires a medium in which to travel and carry energy

Down

- 1.** The change in direction of a wave due to the change in its medium
- 2.** A disturbance that carries energy through matter or space
- 3.** An increase (or decrease) in the frequency of sound, light, or other waves as the source and observer move toward (or away from) each other
- 4.** Waves that move the medium parallel to the direction in which the waves travel
- 5.** Distance between 2 crests or troughs

- 8.** Vibrations that travel through the air or another medium and can be heard when they reach a person's or animal's ear
- 9.** The ability to do work
- 10.** A sound or series of sounds caused by the reflection of sound waves from a surface back to the listener
- 11.** Measure of wave energy; the distance between a waves' resting point and the top or crest of the wave
- 17.** Parts were the waves are spread out
- 18.** The quality of sound made by the number of vibrations (the highness or lowness of a sound)