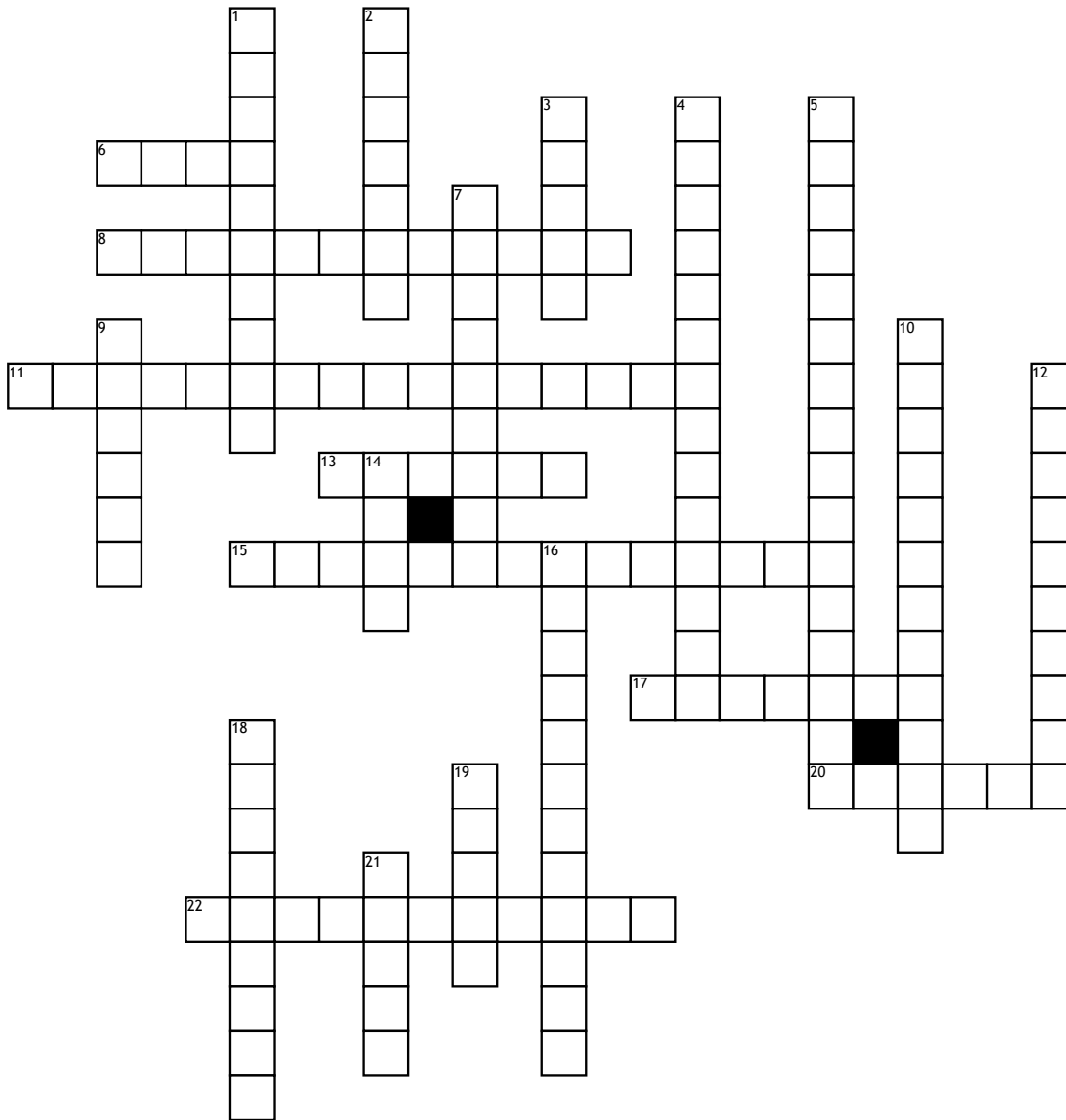


Wave Vocabulary



Across

6. A disturbance that carries energy through matter or space
 8. Parts where the waves are spread out
 11. Waves that move the medium parallel to the direction in which the waves travel
 13. Material through which waves travel
 15. A wave that requires a medium in which to travel and carry energy
 17. To bounce off
 20. The lowest point of a transverse wave
 22. The apparent bending of waves around a small obstacle

Down

1. A distance between 2 crests or troughs
 2. The change in direction of a wave due to a change in its medium
 3. Vibrations that travel through the air or another medium and can be heard when they reach a person's or animal's ear.
 4. A wave that transfers energy perpendicular to its medium.. the energy moves one direction while the medium moves at a right angle to it
 5. 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.
 7. A repeated back and forth or up and down motion
 9. The ability to do work

10. The location of objects by reflected sound, in particular that used by animals such as dolphins and bats.
 12. The distance between two corresponding parts of a wave
 14. A sound or series of sounds caused by the reflection of sound waves from a surface back to the listener.
 16. Parts where the waves are close together
 18. Measure of wave energy; the distance between a waves' resting point and the top or crest of the wave
 19. The quality of a sound made by the number of vibrations (the highness or lowness of a sound)
 21. The highest point of a transverse wave