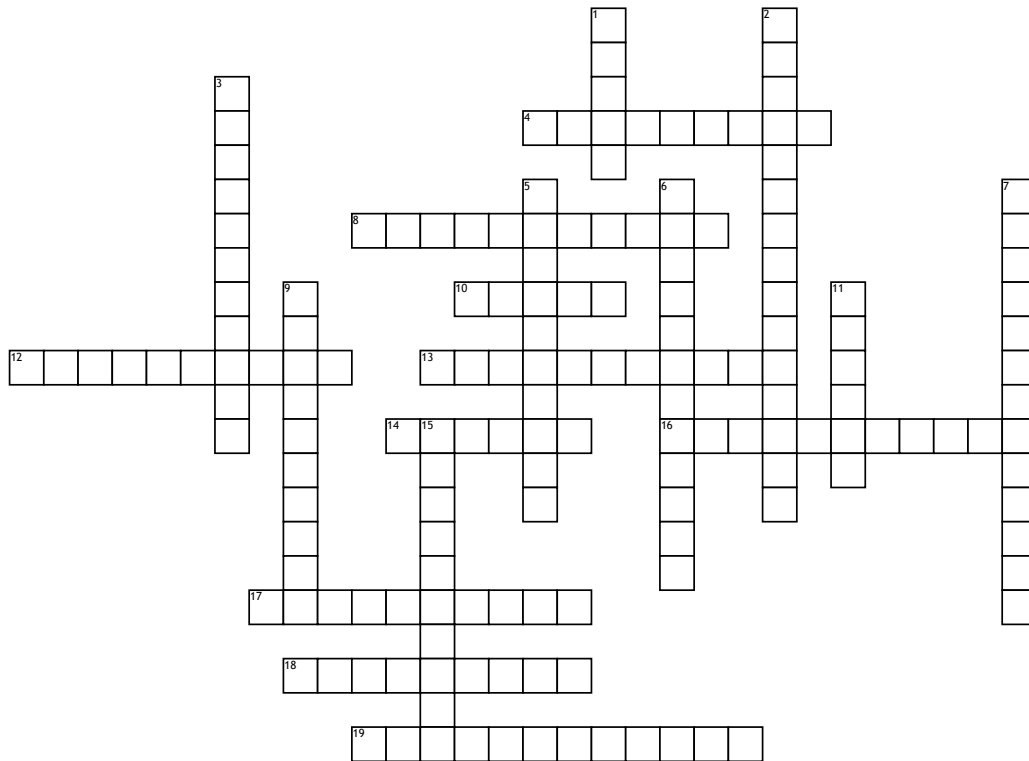


Waves



Across

4. Number of waves that pass a fix place at a given amount of time
 8. Slight bending of light as it passes around the edge of an object
 10. The highest point in a wave
 12. Requires a medium to transfer energy
 13. Longitudinal waves where it's spread apart
 14. Lowest point in a wave
 16. The crest of a wave that meets the trough of another wave

17. Boundary between two different media causing waves to move back to the medium it came from
 18. Measure of displacement of a wave on its rest position
 19. Two or more waves meet where their crest line up together

Down

1. Distance traveled per time
 2. Wave that travels throughout outer space
 3. Longitudinal wave where it's close together

5. The distance between each wave
 6. A wave that is moving parallel
 7. Change in frequency and wavelength
 9. A wave which is moving perpendicular towards the wave
 11. Allows waves to be transfer from one place to another
 15. Change of direction of a wave passing from one medium to another causing a change in speed

Word Bank

Transverse	Trough	Refraction	Destructive	Diffraction
Wavelength	Constructive	Compression	Mechanical	Electromagnetic
Rarefaction	Doppler effect	Speed	Frequency	Reflection
Crest	Medium	Longitudinal	Amplitude	