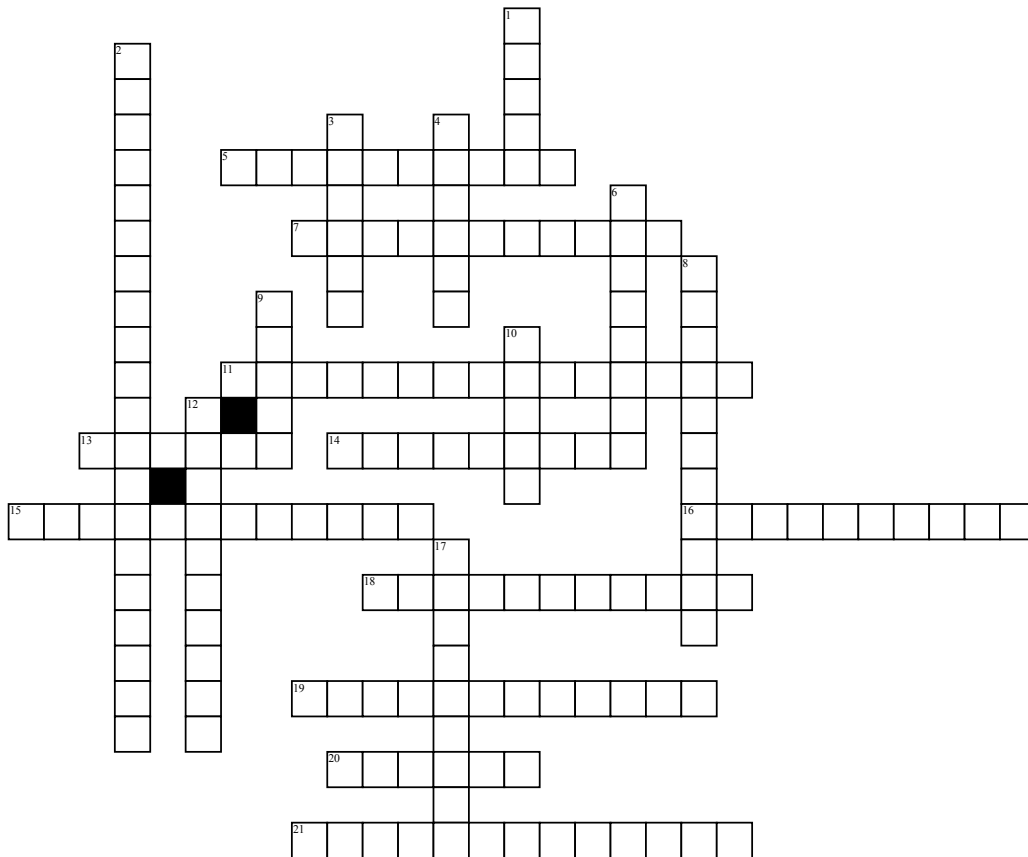


# Physics waves



## Across

5. Distance between 2 corresponding points.  
 7. When a wave encounters an obstacle or slit.  
 11. Wave that is an oscillation of matter.  
 13. The cycle of vibration.  
 14. The amount of waves in a certain amount of time.  
 15. Current or voltage that travels through a transmission.

16. Vibration at right angles.  
 18. A region where the particulars are closest together.  
 19. A wave that oscillates back and forth.  
 20. The minimum a wave can go.  
 21. Change in direction of wave front.

## Down

1. The max the wave can get.  
 2. Waves created as a result of vibration.

3. Substance that carries a wave.  
 4. The captivity of doing work.  
 6. When one medium ends, another medium begins.  
 8. Reduction of an items density.  
 9. \_\_\_\_\_ in which waves travel.  
 10. A transport of energy without a transport of matter.  
 12. Where it would sit if there was no disturbance.  
 17. Maximum displacement or distance.

## Word Bank

Speed	Boundary	Trough	Energy	Incident wave
Wavelength	Amplitude	Waves	Frequency	Medium
Crest	Period	Mechanical waves	Line of rest	Transverse
Reflected wave	Diffraction	Rarefaction	Longitudinal	Compression
Electromagnetic waves				