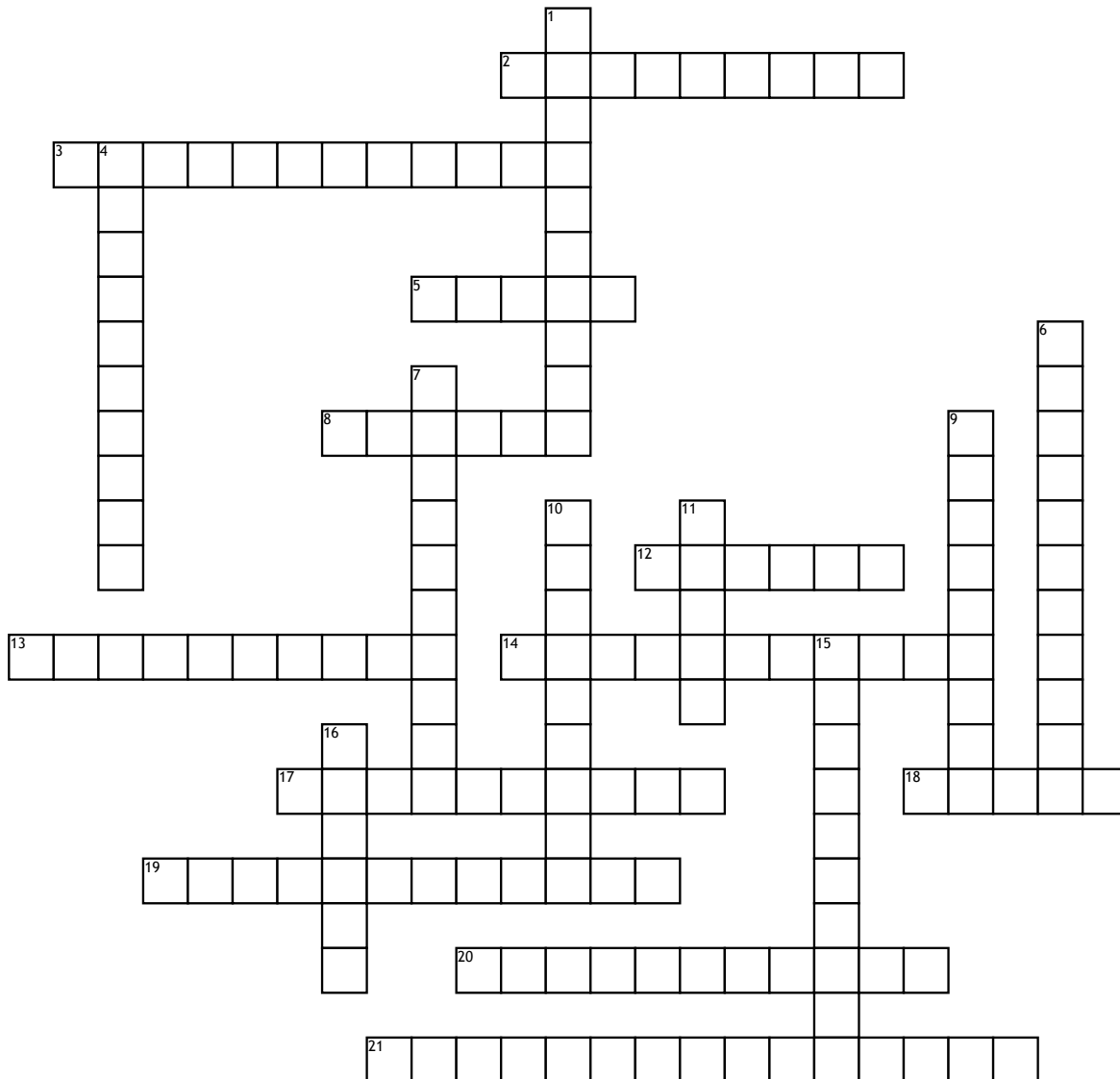


Wave Crossword



Across

2. The number of waves that pass a fixed point in a unit of time
3. Part of a longitudinal wave where the wavelengths are the longest
5. Means by which sound and light travel
8. An object or substance that light can not travel through
12. The lowest point of a wave
13. When light bounces off a surface
14. Permitting the uninterrupted passage of light
17. A wave that is an oscillation of matter, and therefore transfers energy through the matter

18. The unit by which wavelengths are measured

19. Waves that have vibrations along or parallel to their direction of travel
20. Part of a longitudinal wave where the wavelengths are the shortest
21. A wave of energy consisting of electric and magnetic fields, oscillating at right angles to each other

Down

1. A wave vibrating at right angles to the direction of travel
4. Energy of the light is converted to different forms of internal energy

6. Permitting light to pass through but diffusing it

7. Measurement from one crest to the subsequent crest (or trough to trough), measured in hertz
9. The distance on the wave that is measured from position of rest to the crest
10. A continuous, slight, shaking movement
11. The highest point (peak) of a wave
15. The bending of light
16. Substance through which waves travel