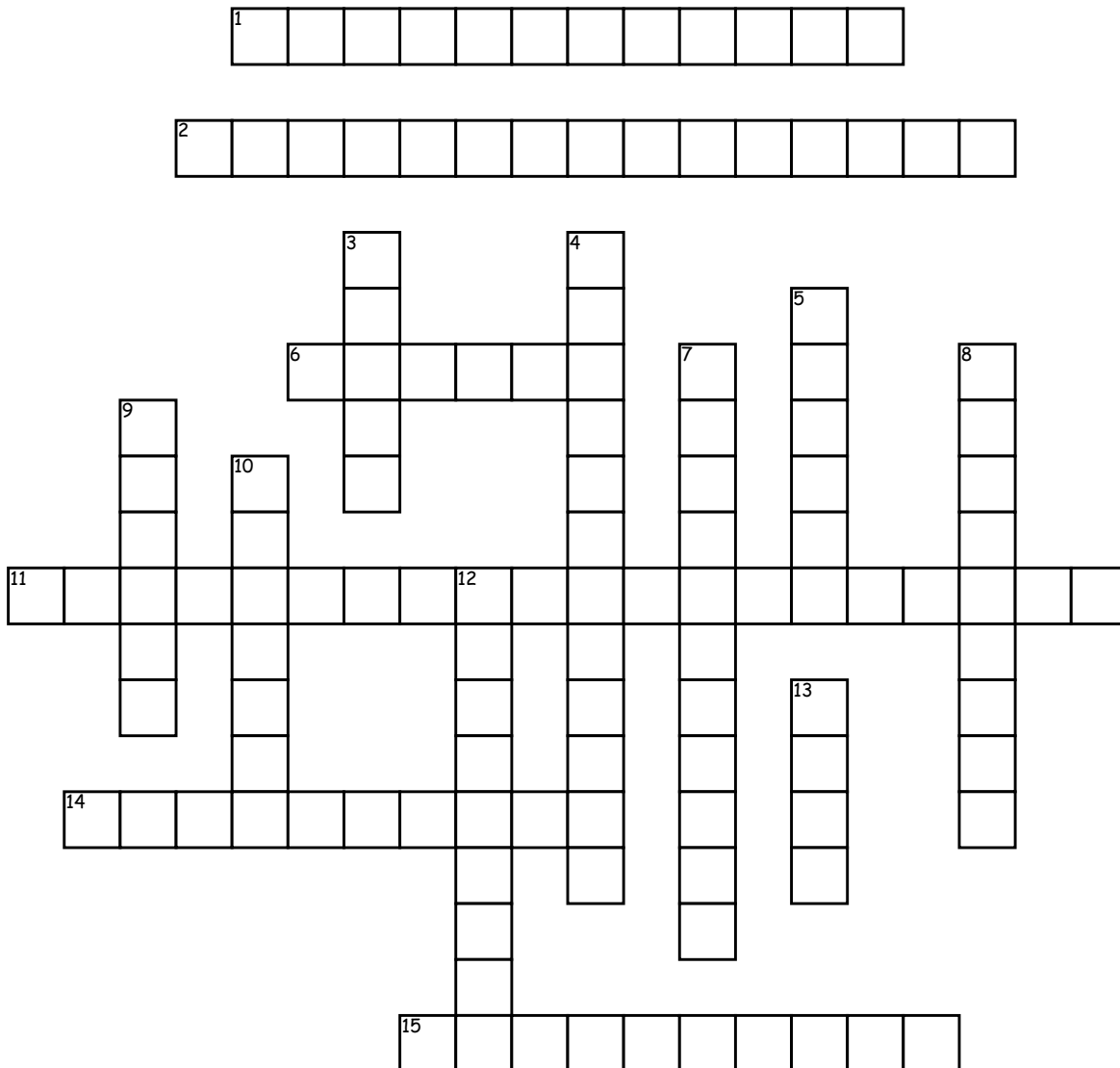


Waves



Across

1. A wave that causes particles in matter to move back and forth along the same direction the wave travels
2. A wave that can travel through matter and empty space
6. Matter or substance through which a wave is transmitted

11. Opaque

14. Occurs when waves bounce off matter

15. Requires a medium

Down

3. High point on a wave
4. Coils are squeezed together
5. Low point on a wave
7. All light passes through

8. Amount of wavelengths that pass by a point each second

9. A continuous signal

10. Non-continuous signal

12. Measure of the distance from the crest or trough of a wave from the rest position

13. Traveling disturbance that carries energy