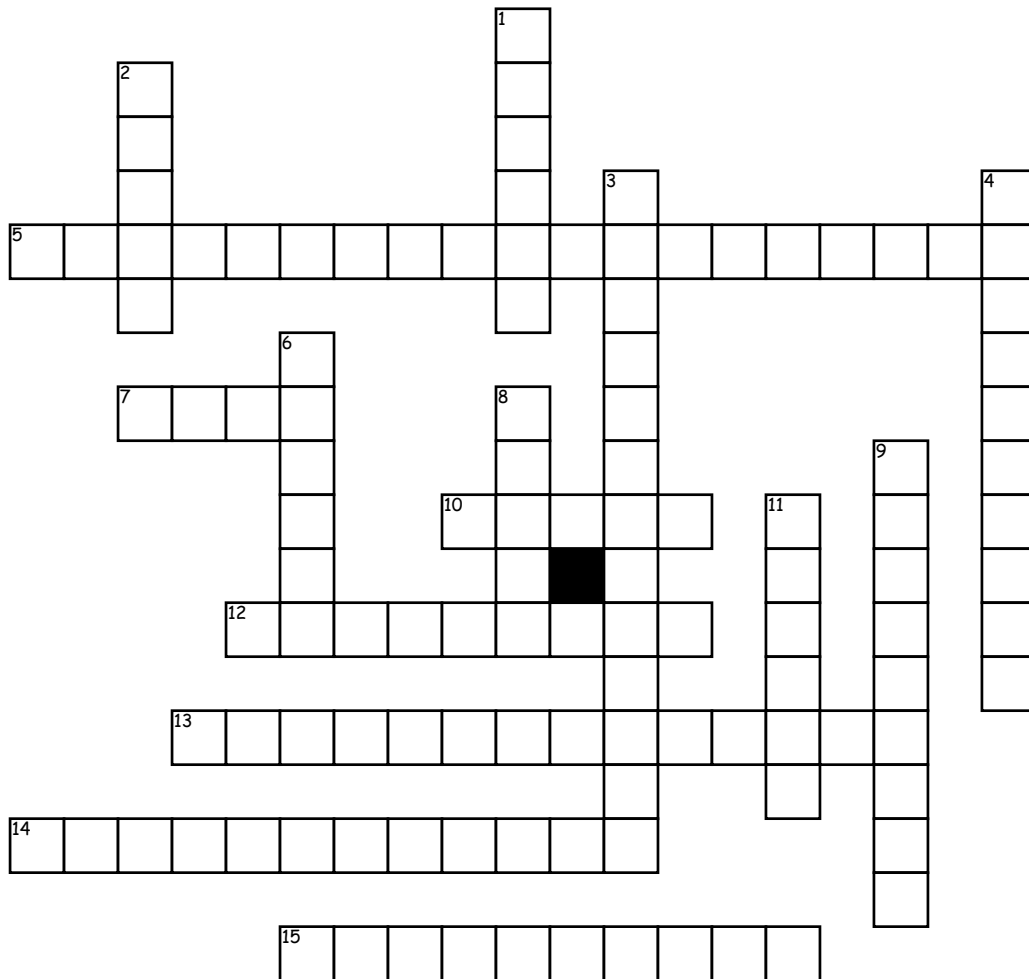


Waves



Across

- 5. Wave that Transfer energy through empty space
- 7. Disturbance that transfers energy from place to place
- 10. Unit used to measure the frequency of a wave
- 12. Height of a Transverse wave
- 13. Wave that transfer energy through matter

- 14. A wave that strikes a barrier
- 15. Distance between two neighboring crests or troughs

Down

- 1. Low point of transverse wave
- 2. Distance a wave travels in one unit of Time
- 3. Wave that bounces off a barrier

- 4. What is the bouncing of a wave after a barrier
- 6. Material through which mechanical waves can travel
- 8. High point of a transverse wave
- 9. Number of Complete Wave passing a point in a given time
- 11. Line at right angles to a barrier

Word Bank

- | | | | |
|----------------------|----------------|-----------------|-----------|
| Wavelength | Trough | Mechanical wave | Frequency |
| Incident wave | Reflected wave | Speed | Medium |
| Hertz | Normal | Crest | Wave |
| Electromagnetic wave | Amplitude | Reflection | |