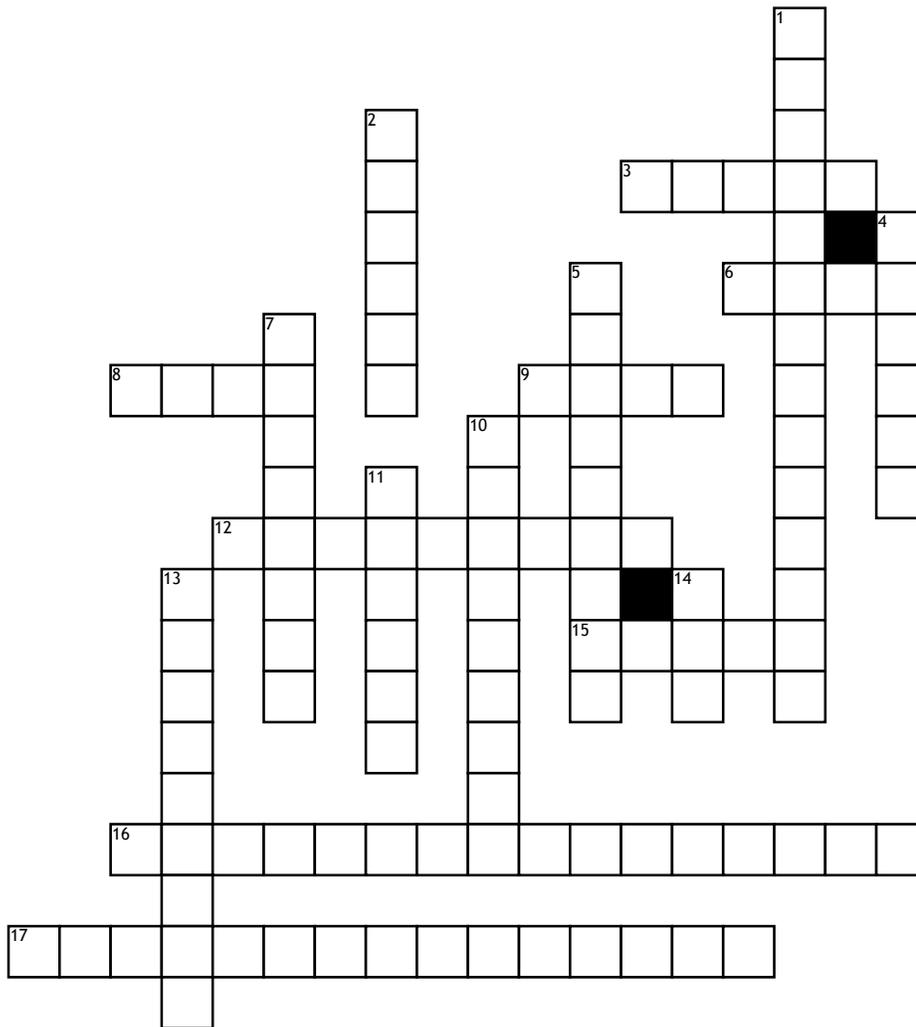


# Waves



**Across**

- 3. X-Ray The type of EM Wave that allows doctors to see broken bones.
- 6. A disturbance that transfers energy from one place to another.
- 8. UltraViolet The type of EM Wave that burns our skin.
- 9. InfraRed The type of EmWave that we feel as heat.
- 12. The distance a wave travels in a given amount of time.
- 15. The highest point on a wave.

- 16. the type of wave that requires a medium.
  - 17. A type of wave that does not require a medium.
- Down**
- 1. The distance from one point on a wave to the same point on the next
  - 2. the lowest point on a wave.
  - 4. The material a wave travels through.
  - 5. The number of wave that pass a point in a given amount of time.

- 7. Microwave The type of EM Wave that has short wavelength than Radio and longer than InfraRed.
- 10. The distance above or below the rest position.
- 11. Radio The type of EM Wave that has the longest wave
- 13. Gamma The type of EM Wave that has the highest frequency
- 14. VisibleLight The type of EM Waves that we can see.

**Word Bank**

- |           |                 |                   |           |
|-----------|-----------------|-------------------|-----------|
| length..  | Crest           | Wavespeed         | Frequency |
| bones.    | wave.Wavelength | medium.Mechanical | Trough    |
| see.      | Electromagnetic | skin.             | heat.     |
| frequency | Wave            | InfraRed.         | Medium    |
| Amplitude |                 |                   |           |