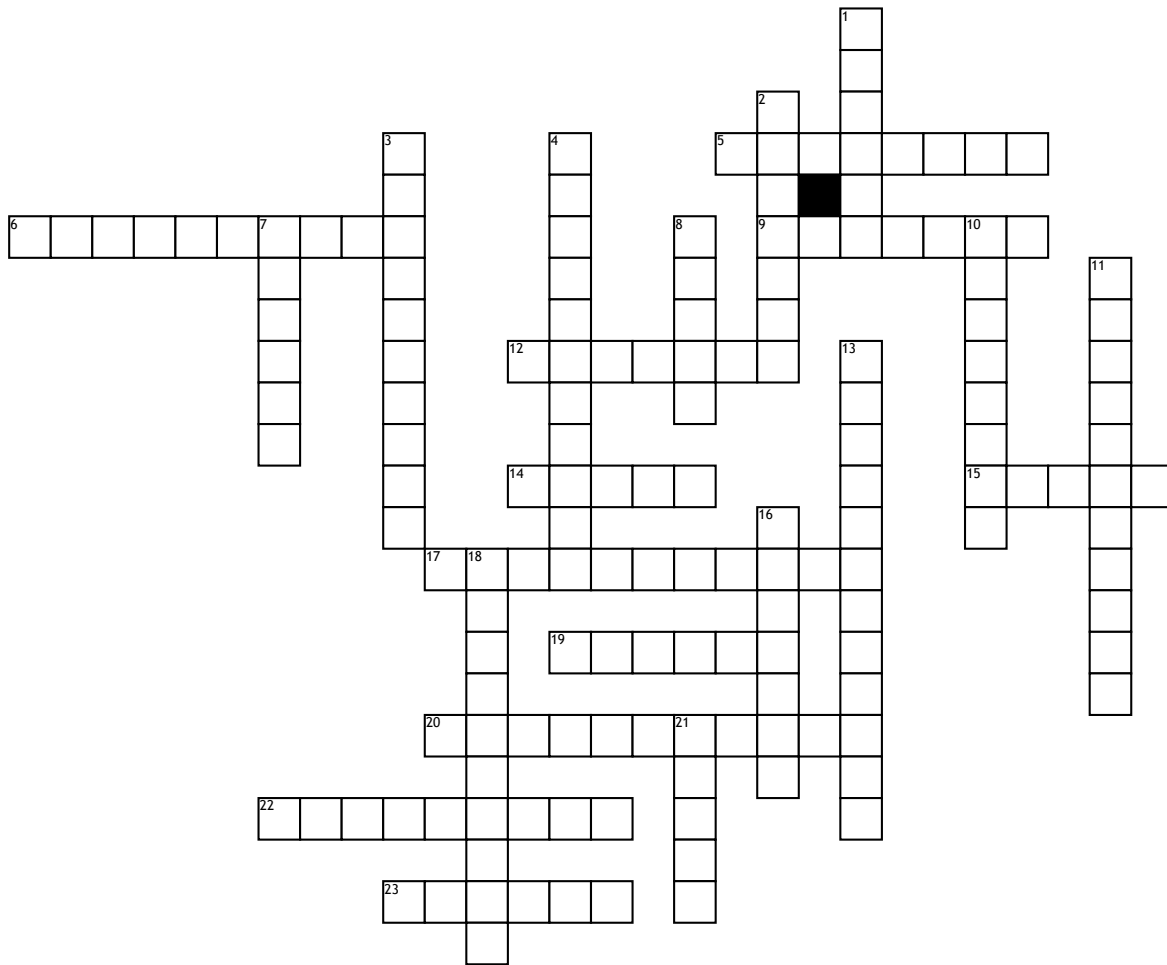


EM Spectrum, Light and Sound



Across

- 5. if the wavelength increases, the frequency will _____.
- 6. Type of sound dogs can hear.
- 9. Color spectrum from low frequency to high frequency
- 12. Mirrors _____ light.
- 14. All EM Waves move at the speed of _____.
- 15. Sound equipment used to detect fish or depth of the bottom of the Ocean.
- 17. Light transfer through a material creating a clear view.
- 19. Sound moves fastest in _____.

20. Low pressure part of a compressional wave

- 22. Part of a transverse wave that tells you how much energy it has.
- 23. The bottom of a transverse wave

Down

- 1. All types of waves transfer what?
- 2. Lenses _____ light.
- 3. A type of waves that needs matter to transfer their energy.
- 4. High pressure part of a compressional wave.
- 7. Light cannot transmit light through this material.

- 8. Wavelength, Frequency and Amplitude are characteristics of all what.
- 10. If your frequency increases, the pitch will _____.
- 11. Waves that bend around a barrier.
- 13. This type of wave moves back and forth horizontally.
- 16. A type of mechanical wave that transfers energy through the ground.
- 18. Bending of light through different mediums.
- 21. The top or peak of a transverse wave.