Waves Vocabulary
Across

2. Color Three colors of light, red, green, and blue that can be mixed to produce all possible colors.
3. The circular opening in the iris of the eye that controls how much light enters the eye.
6. Wave Waves that transfer energy through matter.
10. A rapid, back and forth motion
12. The spreading out of waves through and opening or around the edge of an obstacle
15. The highness or lowness of a sound
18. The sending out of ultrasound waves and interpreting the returning sound echoes
21. A substance that a wave moves through.
22. Wave The direction in which the waves travels is perpendicular, or at right angles, to the direction of the disturbance.
24. The spreading out of light rays in all directions as particles reflect and absorb the light.

Down

1. The disappearance of a wave into a medium. When a wave is absorbed, the energy is converted into another form of energy (thermal).
4. Pigments Three colors of substance, cyan, yellow, and magenta that can be mixed to produce all possible colors.
5. The strengthening of a sound wave when that wave meets another object with the same natural frequency.
7. The measurement for measuring frequency
8. Wave The wave travels in the same direction as the disturbance.
9. A light sensitive membrane at the back of the inside of the eye.
11. A disturbance that transfers energy from one place to another.
13. The distance between a line through the middle of a wave and a crest or trough
14. The lowest point of a wave
16. The distance from one wave crest to the very next crest
17. Empty space
19. The highest point of a wave
20. The meeting or combining of waves
23. “Sound Navigation and Ranging.” Machines that use echolocation to locate objects
25. The bending of a wave as it enters a new medium