Waves, Sound, And Light

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| **Across**  **2.** How does changing the position of a moving object change it's sound?  **3.** How does energy travel through a solid?  **10.** How does the medium through which light travels affect it's speed in a vacumm?  **11.** How does the medium through which light travels affect it's speed in a solid?  **12.** How is sound produced?  **13.** The bending of a wave as it passes between 2 substances  **14.** How does energy travel through a vacumm?  **15.** How can we tell there has been a transfer of energy? | **Down**  **1.** 2 waves overlapping making a larger sound wave.  **4.** How is sound used to help humans?  **5.** Changes in directions of a wave when it hits a barrier or obstacle.  **6.** The higher the frequency, the higher the sound what is it called?  **7.** How many colors are there in the electromagnetic spectrum?  **8.** What is the hight of wave, loudness of sound?  **9.** How do seismic waves travel? |