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? |