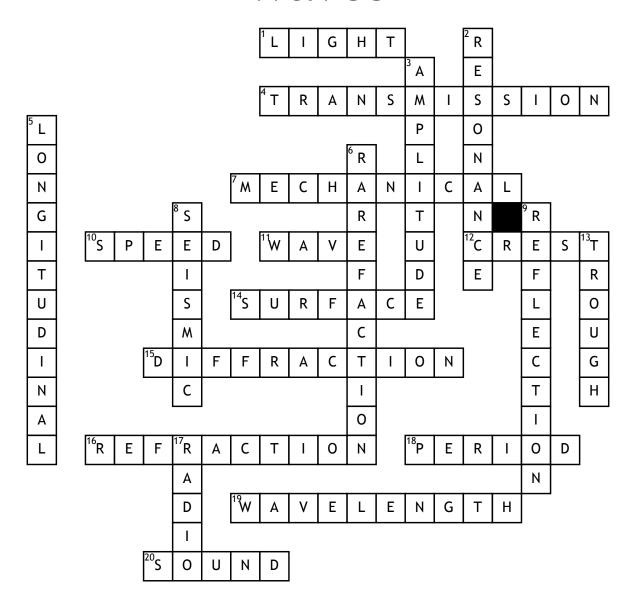
Name: Date:

waves



Across

- **1.** Electromagnetic ractiation . part of the Em spectrum
- **4.** Wave passing through an object
- 7. Waves that required a medium
- **10.** how fast an object moves
- **11.** A disturbance that transfers energy from place to place
- **12.** High point on a transverse wave.
- **14.** A wave that travel along the surface separating two media
- **15.** The bending or spreading of waves as they move around a barrier or pass through an opening

- **16.** Bending of waves due to change in speed
- **18.** The time for once cycle or a complete motion that returns to its staring point
- **19.** The distance between two corresponding parts of a wave
- **20.** Longitudinal waves that travel through a medium and cause your eardrum to vibrate

Down

- **2.** The response of a standing wave to another wave of same frequency
- **3.** The maximum distance the medium vibrates from the rest position

- **5.** Vibrates the medium in the same direction in which the waves travels
- **6.** Particles are far apart on a longitudinal wave.
- **8.** Waves of energy traveling through rock
- **9.** Waves bounced back after hitting a barrier
- **13.** Low point on a transverse wave.
- 17. Are transverse wave