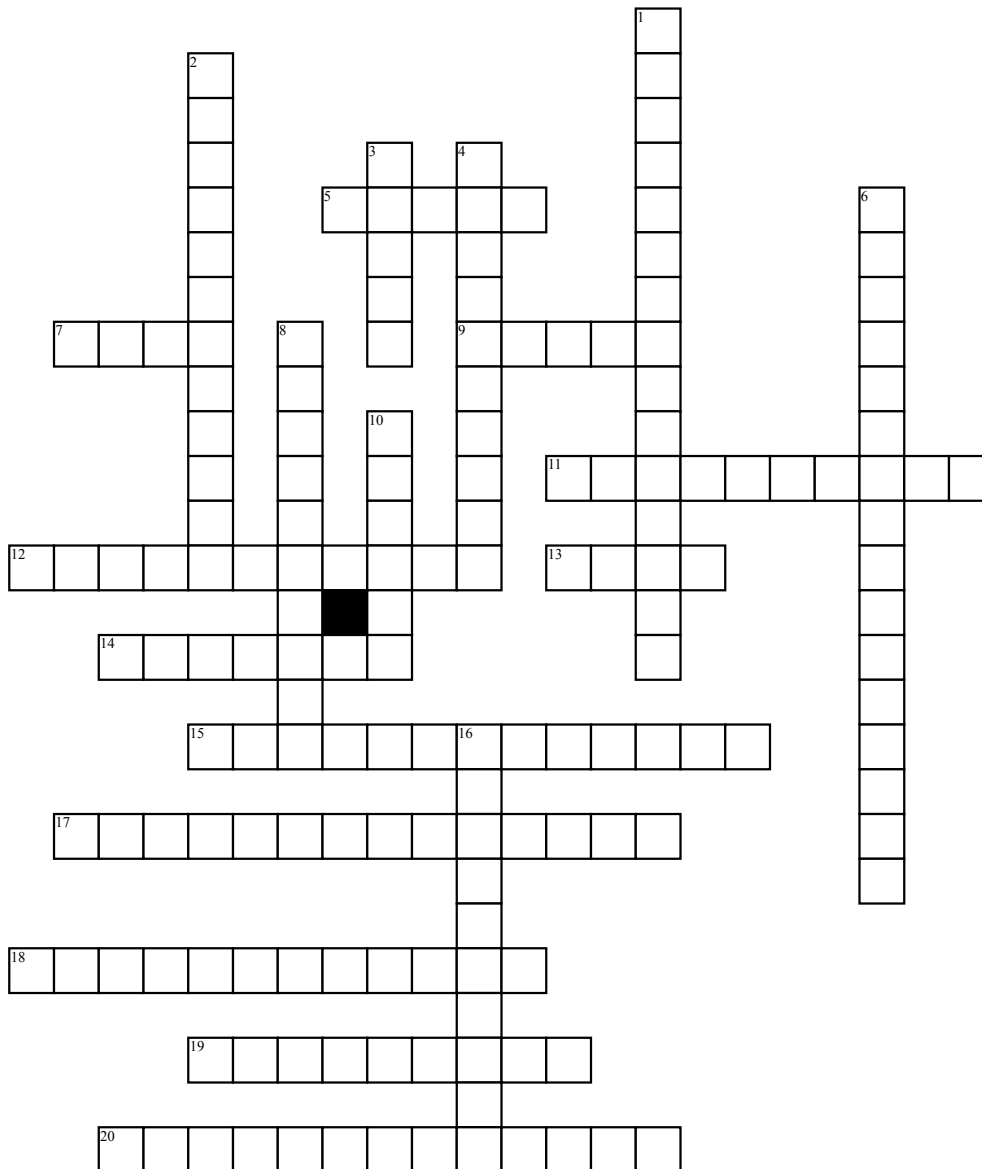


Name: _____

Date: _____

Period: _____

40pts



Across

- 5. Phenomena that occur, seen and unseen, all around us
- 7. Cannot go through wood
- 9. Cannot go through paper
- 11. The transfer of heat energy by the mass movement of fluids containing heated particles
- 12. Results when a wave passes through a hole or moves past a barrier and spreads out in the region beyond the hole or barrier
- 13. The transfer of energy when an applied force moves an object over a distance

- 14. Occurs when done atomic nuclei decay spontaneously or when they are bombarded by neutrons
- 15. Energy contained by moving objects due to their motion
- 17. Used when chewing food
- 18. Occurs when two or more waves arrive at the same point at the same time
- 19. The transfer of heat energy through electromagnetic waves
- 20. Used for cooking and heating

Down

- 1. Stored Energy; Energy of position
- 2. Movement of thermal energy from hot to cold materials
- 3. Cannot go through lead

- 4. Takes place when a wave passes from one medium to another at an angle and bends due to a change in speed
- 6. Used in homes to produce stereo sound through speakers and light from fluorescent lamps.
- 8. Occurs when a wave hits an object that it cannot pass through or when it reaches the boundary of the medium of transmission
- 10. Occurs when two light nuclei, such as hydrogen, collide and combine to form heavier nuclei
- 16. Transfer of heat energy between materials that are in direct contact with each other