

Name: _____

Date: _____

Thermal Energy

Across

1. An increase in the size of a substance in response to an increase in the response to an increase in the temperature of the substance

3. The transfer of thermal energy by the circulation or movement of a liquid or gas

7. The kinetic energy of a substance's atoms

8. The transfer of energy as electromagnetic waves

9. A material through which energy can be transferred as heat

10. The energy transferred between objects that are at different temperatures

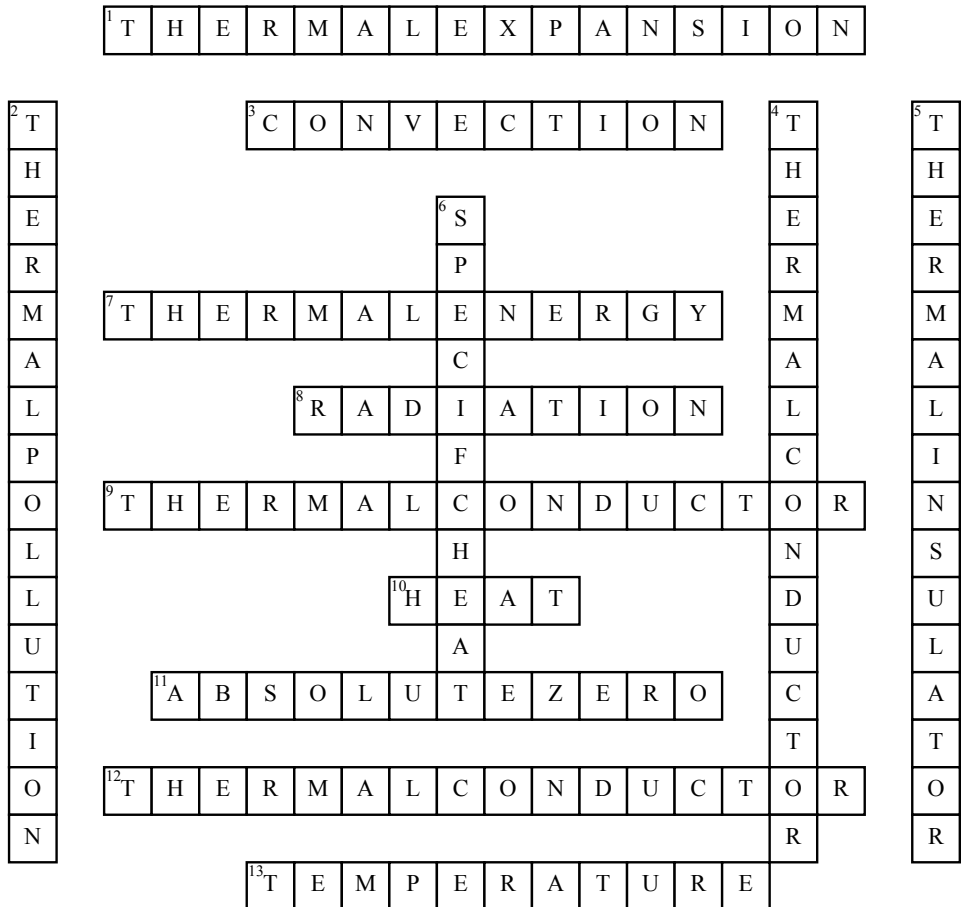
11. The temperature of which molecular molecular energy is at a minimum, 0K on the Kelvin Scale

12. A material through which energy can be transferred as heat

13. A measure of hot (or cold) something is; specifically, energy of the particles in an object

Down

2. A temperature increase in a body of water that is caused by human activity and that has a harmful effect on water quality and on the ability of that body of water to support life



4. The transfer of energy as heat through a material

5. A material that reduces or prevents the transfer of heat

6. The quantity of heat required to raise a unit mass of homogeneous material 1K or 1C in a specified way given constant pressure and volume

