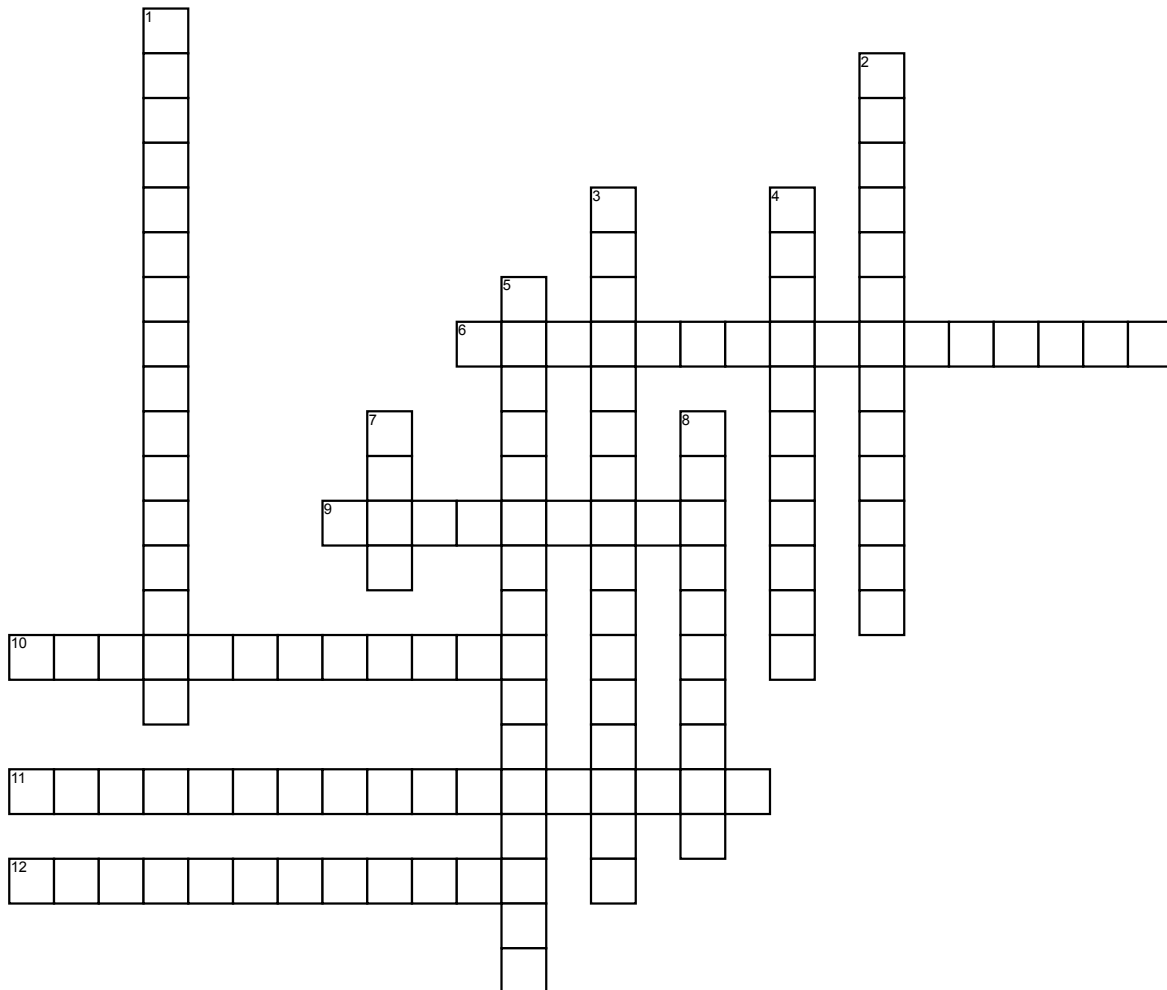


Thermal Energy Vocab



Across

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

9. The transfer of energy as electromagnetic waves.

10. A temperature at which molecular energy is at a minimum (0 K on kelvin scales or -273.16 degrees Celsius on the Celsius scale.

11. The transfer of energy as heat through a material.

12. The quantity of heat required to raise a unit mass of homogeneous material 1 K or 10 degrees Celsius in a specified way given constant pressure and volume.

Down

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

2. The KE of a substances atoms.

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

4. A measure of how hot (or cold) something is ; specifically a measure of the average KE of the particles in an object.

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

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

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