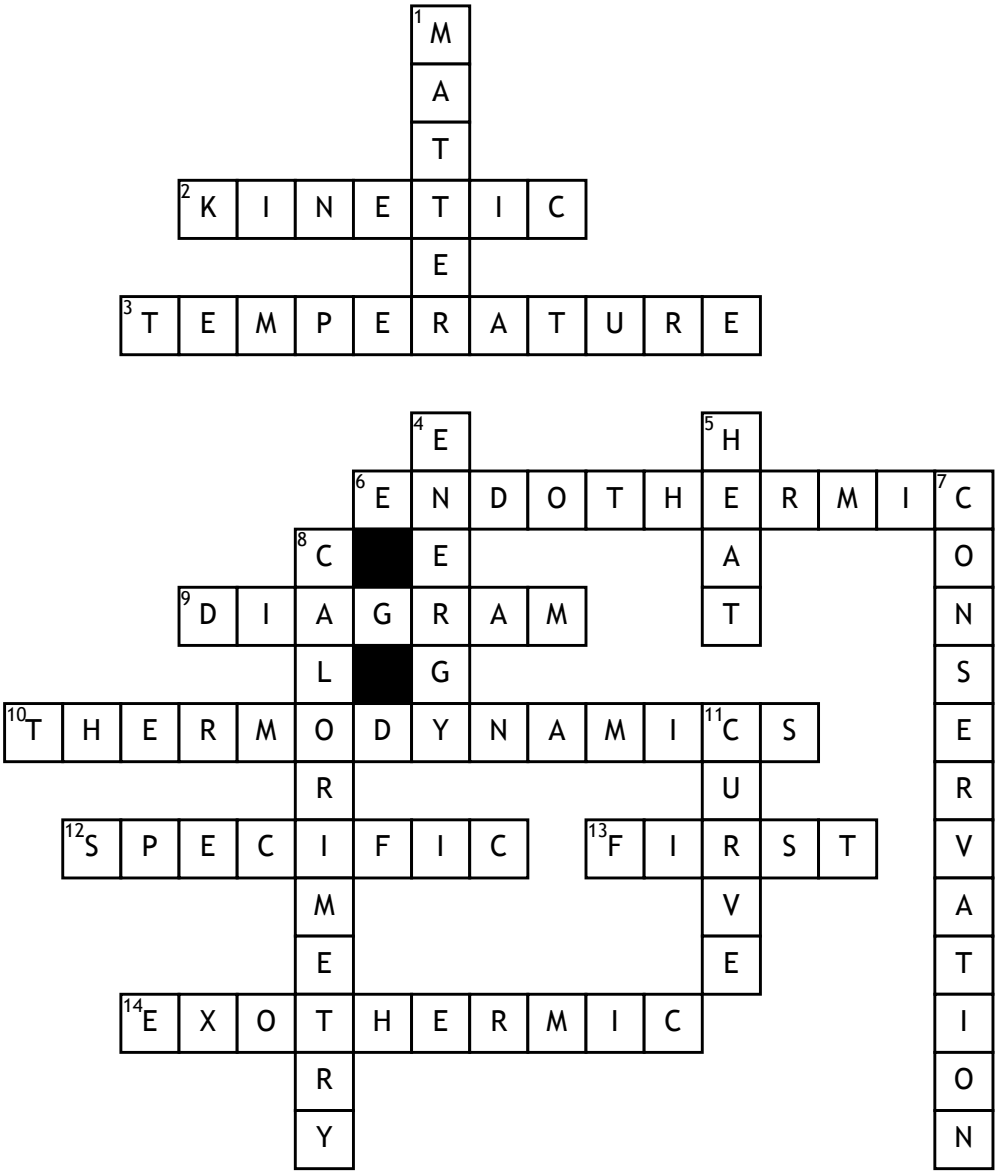
Heat and Energy



Across

2. Describes a gas a large number of submicroscopic particles. molecular theory

3. Measure of heat in an object.

6. Reaction where energy is absorbed.

9. Shows what state of matter is present at what temperature. Phase change

10. Physics concerned with heat and temperature.

12. The heat required to raise the temperature of a substance by one degree. heat

13. The change in the internal energy of a closed system is equal to the amount of heat supplied to the system. law of thermodynamics

14. Reaction where energy is released.

Down

1. A solid, liquid, or gas. Physical state of

4. The ability of a system to perform work.

5. Energy that is transferred.

7. Energy can never be created nor destroyed. Law of energy

8. process of measuring heat capacity.

11. A plot of temperature versus time. Heating