

**ENERGY VOCABULARY** .....

**Calorie (cal):** A unit of heat; the amount of heat needed to raise the temperature of 1 g of water 1°C.

**Conduction:** The transfer of energy as a result of contact between particles.

**Conservation of energy:** Energy is never created or destroyed during energy transfers.

**Energy transfer:** The movement of energy from a location with more energy to a location with less energy.

**Equilibrium:** The condition of a system when no observable change is taking place.

**Heat:** A form of energy related to the kinetic energy of particles.

**Kinetic energy:** The energy due to motion. The kinetic energy of particles is heat.

**Temperature:** A measure of the average kinetic energy of the particles in a substance.