

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.