Absolute zero	The point at which no more thermal energy can be removed from matter.
boiling	Vaporization that occurs on and below the surface of a liquid.
Celsius Scale	A common temperature used outside of the United States, where the freezing point of water is 0 degrees and the boiling point is 100 degrees.
change of state	The physical change of matter from one state to another.
condensation	The change from the gaseous to the liquid state of matter

conduction	The process when heat is transferred from one particle of matter to another without the movement of matter.
conductor	A material that conducts heat well.
convection	The transferring of heat by the movement of currents within a fluid.
convection current	The circular motion created by cooler water
evaporation	Vaporization that occurs at the surface of a liquid

external combustion engine	An engine powered by fuel burned outside the engine.
Fahrenheit Scale	The most common temperature scale in the United States, in which the freezing point of water is 32 degrees and the boiling point is 212 degrees.
freezing	The change from a liquid to the solid state of matter.
heat	Thermal energy that is transferred from matter at a higher temperature to matter at a lower temperature.
heat engine	A device that converts thermal energy into mechanical energy.

insulator	A material that does not conduct heat well.
internal combustion engine	An engine powered by fuel burned inside the engine.
Kelvin Scale	The temperature scale commonly used in physical science.
melting	The change from a solid to the liquid state of matter.
radiation	The transfer of energy by electromagnetic waves.

refrigerant	The substance that absorbs and releases heat in a cooling system.
specific heat	The amount of energy required to raise a temperature of 1 kilogram of a material by 1 kelvin.
states	One of the three forms in which all matter exists on Earth. (Solid, liquid and gas)
temperature	A measure of the average kinetic energy of the individual particles of matter
thermal expansion	The expansion of matter when it is heated