

Thermochemistry Definitions

- Energy-** capacity of a system to do work or supply heat
- Thermochemistry-** study of heat released or absorbed by chemical reactions
- System-** a reaction or process being studied
- Surroundings-** everything outside of the system
- heat-** energy transferred as a result of a temperature difference between system and surroundings
- enthalpy-** heat transferred at constant pressure
- calorimeter-** apparatus used to measure heat gain or loss
- heat capacity-** amount of heat required to raise the temperature of a calorimeter by 1 °C
- specific heat capacity-** amount of heat required to raise the temperature of 1 gram of a substance by 1 °C