

Unit #2: Vocabulary

Definitions are found on Miss Virga's website: missvirga.weebly.com

Temperature	a measure of the average kinetic energy of particles
Heat	thermal energy, transferred from high to low temperatures
endothermic	process that requires/absorbs energy
exothermic	process that releases/gives off energy
fusion	melting (solid \rightarrow liquid)
vaporization	boiling (liquid \rightarrow gas)
Kinetic energy	energy of motion
Potential energy	stored energy
Specific heat capacity	the amount of energy required to change 1 gram of a substance 1°C
Heat of fusion	the amount of energy (joules) required to melt 1 gram of a substance (or freeze)
Heat of vaporization	the amount of energy (joules) involved in boiling or condensing 1 gram of a substance

Table B gives these values for H_2O