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ELO #8: Students will be able to define characteristics of chemical reactions, and show the ability to write chemical equations.

Standard(s) ELO is based upon: 2.1.3.1, 2.1.3.2, 2.1.3.4, 2.1.3.6, & 2.1.3.7

Learning Targets

1. I can describe the law of conservation of energy & the processes of heat transfer - including the forms of energy.
2. I can write and balance chemical equations using the law of conservation of mass.
3. I can identify the different types of heat transfer; conduction, convection & radiation.
4. I can perform stoichiometric calculations, including determination of mass and gas volume relationships between reactants and products.
5. I can describe the limiting reactant & calculate percent yield.