**Biology Vocabulary Terms**

**BioChem #2 Chemical Reactions – Enzymes**

**Activation Energy** = The amount of energy that needs to be absorbed for a chemical reaction to start.

**Bond Energy** = The amount of energy that will break a bond between two atoms.

**Catalyst** = A substance that decreases the activation energy needed to start a chemical reaction and… as a result, also increases the rate of a chemical reaction.

**Chemical Reactions** = Change substances into different substances by breaking and forming chemical bonds.

**Endothermic** = Chemical reaction that absorbs more energy than it releases.

**Enzyme** = Catalysts for chemical reactions in living things.

**Equilibrium** = Is reached when both reactants and products are made at the same rate.

**Exothermic** = Chemical reaction that releases more energy than it absorbs.

**Product** = Substances made by chemical reactions.

**Reactant** = Substances changed during a chemical reaction.

**Substrate** = The specific reactants that an enzyme acts on.

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