**Vocabulary – Chemical Reactions #1**

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|  | **Vocabulary Term** | **Definition** | **Illustration or Term used in a Sentence** |
| 1 | Chemical Reaction | A process in which one or more substances are converted into new substances with different physical and chemical properties. |  |
| 2 | Chemical equation | An equation that represents a chemical reaction, using chemical formulas for the reactants and products and an arrow to separate them. |  |
| 3 | Coefficient | A whole number that is written before the formulas of the reactants and products in a chemical equation.  |  |
| 4 | \*Subscript | A whole number placed on the lower right of a chemical symbol to represent the quantity of that element in a formula.  |  |
| 5 | Reactant | The beginning elements/compounds that enter into a chemical reaction. |  |
| 6 | Product | The ending elements/compounds that are a result of the chemical reaction. |  |
| 7 | Balanced Chemical Equation | A chemical equation in which each side of the equation has the same number of atoms of each element. |  |

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