

Chemical Reactions Vocab

- Chemical Reaction – the process by which one or more substances undergo change to produce one or more different substances.

Chemical Reactions Vocab

- Chemical Formula – a short hand notation for compounds or elements using chemical symbols and numbers.

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- Subscript – a number written below and to the right of a chemical symbol in a formula.
- Example – H_2O ; NH_4

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- Coefficient – a number placed in front of a chemical symbol or formula; used to balance a chemical equation.
- Ex- $2\text{H}_2\text{O}_2 \rightarrow 2\text{H}_2\text{O} + \text{O}_2$

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- Chemical equation – a shorthand description of a chemical formulas and symbols.
- Example- $\text{H}_2\text{O}_2 \rightarrow \text{H}_2\text{O} + \text{O}_2$

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- Reactants – the starting materials in a chemical reaction; to the left of the arrow.

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- Products – the substances formed from a chemical reaction; to the right of the arrow.

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- Law of Conservation of Matter – the law that states that matter is neither created nor destroyed in ordinary chemical or physical changes.