

## Chemical Change Vocabulary

<b>Chemical Change:</b> <i>Process by which a substance forms a new and different substance</i>	<b>Chemical Reaction:</b> <i>Process of the chemical change.</i> <i>* Same as chemical change</i>
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<b>Chemical Property:</b> <i>Describes how a substance changes into a new substance.</i>
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### Chemical Property Examples:

<b>Flammability:</b> <i>Fire or burning.</i> <i>* Fast reaction</i>
<b>Explosion:</b> <i>TNT, Fire Cracker, etc.</i> <i>* Fast reaction</i>
<b>Corrosion:</b> <i>Solid and liquid reaction (Rusting)</i> <i>* Slow reaction</i>
<b>Tarnish:</b> <i>Solid and gas reaction. (Jewelry)</i> <i>* Slow reaction</i>

**Decomposition:** *Rotting of organic material.*  
*\* Slow reaction*

**Reactant:** *The materials that react or combine chemically to create a new product.*

**Product:** *The output or what is created when reactants make a new substance.*

### Reactants and Products within a Chemical Equation



*Reactants = Products*

### Signs of a Chemical Change:

**Color Change:**

**Precipitate:** *Formation of solids*

**Temperature Change:** *Up or down.*  
*\* Can produce light.*

**Gas Production:** *Smoke or bubble. (Fizzing)*

**Explosion:**