**Chemical reactions glossary**

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| **Term** | **Meaning** |
| **Chemical reaction** | **A process produces new substances by rearranging atoms in molecules.** |
| **Reactant** | **The things at the beginning of a chemical reaction. The things on the left of a chemical equation.** |
| **Product** | **The things produced by a chemical reaction. The things on the right of a chemical equation.** |
| **Chemical equation** | **A shorthand way of describing chemical reaction in words or chemical formulae.** |
| **Chemical formula** | **A shorthand way of writing a substance using chemical symbols and numbers to show the number of different elements in the substance** |
| **Mixture** | **Different substances mixed together but not chemically combined.** |
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