

Subject	Science
Unit/Topic	Chemical Reactions

Key Vocabulary	Definition
Physical change	One that changes the physical properties of a substance, but no new substance is formed e.g. water freezing and becoming ice, ice can melt back into water.
Chemical reaction	A change in which a new substance is formed.
Reversible	A change which can go back to what it started as.
Synthesis	A synthesis reaction is one where simple substances are combined to make a more complex one.
Decomposition	A reaction where a compound is broken down to make simpler compounds and elements.
Displacement	Displacement means replacing something with something else.
Oxidation	Reaction in which a substance combines with oxygen.
Combustion	Combustion is the scientific word for burning.
Fuel	Stores energy in a chemical store which it can release as heat.
Exothermic	A reaction in which energy is given out, usually as heat or light.
Endothermic	A reaction in which energy is taken in, usually as heat.