

## Spelling list: Exploring Science 7F

### Chemistry - Chemical reactions

chemical	A <b>chemical</b> reaction occurs when chemicals join or break apart to form new chemicals.
physical	A <b>physical</b> change is one that does not involve any new chemicals being made and is reversible.
decompose	During a reaction chemicals may split up or <b>decompose</b> .
irreversible	When new substances are formed during a chemical reaction this is a permanent or <b>irreversible</b> change.
reactant	A <b>reactant</b> is a chemical that join together with another chemical to form a new substance.
product	A <b>product</b> is a new chemical formed in a chemical reaction.
fuel	A <b>fuel</b> is anything that stores energy that can be converted into heat energy.
combustion	The scientific word for burning is <b>combustion</b> .
corrosion	<b>Corrosion</b> is when stone or metal reacts with chemicals in the air or water and it is worn away.
limewater	The test for carbon dioxide is if it is mixed with <b>limewater</b> the liquid turns milky.