

## Materials and Reactions

Colour in the list as you work through the module. Remember:  
RED – do not understand, ORANGE – Not to sure , GREEN – Fully understand

Target	Traffic light
I can test for acidity using litmus paper.	
I can do an experiment to neutralise an acid with an alkali.	
I can use Universal Indicator solution to tell if my solution is acidic, alkaline or neutral.	
can recognise all the hazard symbols.	
I can use laboratory acid and alkali solutions safely.	
I know about the pH scale.	
I can relate indicator colours to the pH scale.	
I understand that chemical changes result in new substances being made.	
I know that burning fuels requires oxygen from the air.	
I can explain about the 'fire triangle' and combustion.	
I know that when substances burn in oxygen, oxides are made.	
I know that burning carbon-based fuels produces carbon dioxide and water vapour.	
I know that fuels transfer energy as heat and light when burnt.	