



# Longfield Learning Journey



<b>Year Group: 10</b>	<b>Unit of work: Chemical Changes Triple Higher</b>	<b>Term:</b>
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<b>Content of unit:</b>	<b>R</b>	<b>A</b>	<b>G</b>
Reactions of metals with water			
Metals forming ions			
<b>Reduction of metal oxides in terms of oxygen</b>			
Reduction and oxidation of metals in terms of electrons			
Reactivity series			
Reactions of metals with acids			
Reactions of acids and alkali			
<b>Required Practical: Preparing a salt</b>			
How to measure pH			
Titration technique			
Titration calculations			
Descriptions of acids			
Electrolysis technique to separate metals from compounds			
Required Practical: Electrolysis			

<b>K</b> <i>What you know</i>	<b>W</b> <i>What you want to know? What topic does this link to?</i>	<b>L</b> <i>What have you learned</i>