

## Half-term Five April – May

### Year 10 Chemistry – Electrolysis and Metal Extraction

Lesson	Instructions	Resources	Curriculum
1	<b><u>Electrolysis</u></b> Work through the tasks from the pages in your booklet	<a href="#"><u>Oak Academy Lesson Electrolysis of Molten Compounds</u></a> <a href="#"><u>PowerPoint</u></a> <a href="#"><u>Oak Academy Lesson Electrolysis Half Equations</u></a>	Electrolysis
2	<b><u>Electrolysis Core Practical I</u></b> Work through the tasks from the pages in your booklet	<a href="#"><u>Oak Academy Lesson Developing an Electrolysis Hypothesis</u></a> <a href="#"><u>PowerPoint</u></a>	Electrolysis
3	<b><u>Electrolysis Core Practical II</u></b> Work through the tasks from the pages in your booklet	<a href="#"><u>PowerPoint</u></a>	Electrolysis
4	<b><u>Products From Electrolysis</u></b> Work through the tasks from the pages in your booklet	<a href="#"><u>Oak Academy Lesson Electrolysis of Solutions</u></a> <a href="#"><u>PowerPoint</u></a>	Electrolysis
5	<b><u>Electrolysis Review</u></b> Work through the tasks from the pages in your booklet	<a href="#"><u>Oak Academy Lesson Electrolysis Review</u></a> <a href="#"><u>PowerPoint</u></a>	Electrolysis
6	<b><u>Reactivity Series</u></b> Work through the tasks from the pages in your booklet	<a href="#"><u>Oak Academy Lesson Investigating the Reactivity of Metals</u></a> <a href="#"><u>PowerPoint</u></a>	Obtaining and Using Metals
7	<b><u>Displacement Reactions</u></b> Work through the tasks from the pages in your booklet	<a href="#"><u>Oak Academy Lesson Displacement Reactions of Metals</u></a> <a href="#"><u>PowerPoint</u></a>	Obtaining and Using Metals

8	<b><u>Extracting Metals</u></b> Work through the tasks from the pages in your booklet	<b><u>Oak Academy Lesson Extraction of Aluminium PowerPoint</u></b>	Obtaining and Using Metals
9	<b><u>Biological Methods of Extraction – Higher Tier Only</u></b> Work through the tasks from the pages in your booklet	<b><u>PowerPoint</u></b>	<b>Higher</b> Obtaining and Using Metals
10	<b><u>Life Cycle Assessment and Recycling</u></b> Work through the tasks from the pages in your booklet	<b><u>Oak Academy Lesson Electrolysis Review PowerPoint</u></b>	Obtaining and Using Metals
11	<b><u>Dynamic Equilibrium</u></b> Work through the tasks from the pages in your booklet	<b><u>Oak Academy Lesson Reversible Reactions PowerPoint</u></b>	Reversible Reactions and Equilibria
12	<b><u>Changing Equilibrium – Higher Tier Only</u></b> Work through the tasks from the pages in your booklet	<b><u>Oak Academy Lesson Le Chatelier's Principle: Effect of Changing Concentration and Temperature PowerPoint</u></b>  <b><u>Oak Academy Lesson Chatelier's Principle: Effect of Changing Pressure</u></b>	<b>Higher</b> Reversible Reactions and Equilibria

**Please email any queries and completed work to your Chemistry teacher.**

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