Edexcel iGCSE Chemistry 4CH0 Learning Plan

|  |  |  |
| --- | --- | --- |
| **Section B8: The Reactivity Series** | | |
| Specification | Resources | Assessment |
| **2.29** understand that metals can be arranged in a reactivity series based on the reactions of the metals and their compounds: potassium, sodium, lithium, calcium, magnesium, aluminium, zinc, iron, copper, silver and gold  **2.31** deduce the position of a metal within the reactivity series using displacement reactions between metals and their salts in aqueous solutions  **1.29** understand oxidation as the loss of electrons and reduction as the gain of electrons  **2.33** understand the terms: redox, oxidising agent, reducing agent | Video: Section 2 Lesson 4  Powerpoint: Section 2 Lesson 4  Textbook:  Page 60 - Displacement reactions involving metal oxides  Page 61 - Oxidation and Reduction  Page 63 - Displacement reactions involving solutions of salts  Page 64 - Reactions of metals with water  Page 66 – Reactions of metals with dilute acids  Page 67 - making predictions using the reactivity series.  Page 68 - Chapter checklist | Textbook  Page 68 – 69 End of Chapter Questions.  Answers to textbook Ch B8 Questions - pdf  Talking paper – Edexcel Chemistry Section B8  Section B8 Question – The Reactivity Series. (pdf)  Section B8 Question – mark scheme. (pdf) |

**Jim Clark video clips: http://www.chemguide.co.uk/igcse/chapters/chapter8.html**

Videos – www.igcsesciencecourses.com

Textbook Ref: Edexcel International GCSE Chemistry Student Book - Clark

DVD Video Clips – see resource DVD in textbook.