Edexcel iGCSE Chemistry 4CH0 Learning Plan

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| **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 4Powerpoint: Section 2 Lesson 4Textbook:Page 60 - Displacement reactions involving metal oxidesPage 61 - Oxidation and ReductionPage 63 - Displacement reactions involving solutions of saltsPage 64 - Reactions of metals with waterPage 66 – Reactions of metals with dilute acidsPage 67 - making predictions using the reactivity series.Page 68 - Chapter checklist | TextbookPage 68 – 69 End of Chapter Questions.Answers to textbook Ch B8 Questions - pdfTalking paper – Edexcel Chemistry Section B8Section 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.