Edexcel iGCSE Chemistry 4CH0 Learning Plan

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| **Section E24: Electrolysis Calculations** | | |
| Specification | Resources | Assessment |
| 1.55 write ionic half-equations representing the reactions at the electrodes during electrolysis  **1.56 recall that one faraday represents one mole of electrons**  **1.57 calculate the amounts of the products of the electrolysis of molten salts and aqueous solutions.** | Video: Section 1- Lesson 5 – Metallic Crystals and Electrolysis – 07:54 to end  Powerpoint: Section 1 Lesson 4 – slides 27 to end  Textbook: Ch.24 Electrolysis Calculations  Page 196 – How to interpret electrode equations  Page 197 – Some sample calculations  Page 201 – End of Chapter Checklist  Edexcel iGCSE Chemistry Student Checklist Section E24.doc | Textbook  Page 201 – Questions (1) to (6)  Textbook answers (pdf)  Talking paper – Edexcel Chemistry Section E24 – Electrolysis Calculations (mp4)  Section E24 Exam Question –. (pdf)  Section E24 Exam Question – mark scheme. (pdf) |

**Jim Clark video clips:** [**http://www.chemguide.co.uk/igcse/chapters/chapter24.html**](http://www.chemguide.co.uk/igcse/chapters/chapter24.html)

Videos – www.igcsesciencecourses.com

Textbook Ref: Edexcel International GCSE Chemistry Student Book - Clark

DVD Video Clips – see resource DVD in textbook.