Edexcel iGCSE Chemistry 4CH0 Learning Plan

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| **Section E23: Calculations from Equations** | | |
| Specification | Resources | Assessment |
| **1.20 understand the term molar volume of a gas and use its values (24 dm3 and 24,000 cm3) at room temperature and pressure (rtp) in calculations.**  1.25 calculate reacting masses using experimental data and chemical equations **1.26 calculate percentage yield** | Video: Section 1 – Lesson 4 – Reacting Masses - beginning to 04:20  Powerpoint: Section (unavailable)  Textbook: Ch.23 - Calculations from equations  Page 187 – Calculations involving only masses  Page 189 – Calculations involving gas volumes  Page 193 – Calculating percentage yields  Page 194 – End of Chapter Checklist  Edexcel iGCSE Chemistry Student Checklist Section E23.doc | Textbook  Page 194-195 Questions (1) to (11)  Ch.23 Textbook answers (pdf)  Talking paper – Edexcel Chemistry Section  Section Question –. (pdf)  Section Question – mark scheme. (pdf) |

**Jim Clark video clips:** [**http://www.chemguide.co.uk/igcse/chapters/chapter23.html**](http://www.chemguide.co.uk/igcse/chapters/chapter23.html)

Videos – www.igcsesciencecourses.com

Textbook Ref: Edexcel International GCSE Chemistry Student Book - Clark

DVD Video Clips – see resource DVD in textbook.