Edexcel iGCSE Chemistry 4CH0 Learning Plan

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| **Section B10: Making Salts** | | |
| Specification | Resources | Assessment |
| 4.5 predict the products of reactions between dilute hydrochloric, nitric and sulfuric acids; and metals, metal oxides and metal carbonates (excluding the reactions between nitric acid and metals) 4.6 understand the general rules for predicting the solubility of salts in water: i all common sodium, potassium and ammonium salts are soluble ii all nitrates are soluble iii common chlorides are soluble, except silver chloride iv common sulfates are soluble, except those of barium and calcium v common carbonates are insoluble, except those of sodium, potassium and ammonium  4.7 describe experiments to prepare soluble salts from acids  4.8 describe experiments to prepare insoluble salts using precipitation reactions | Video: Section 4 Lesson 1 – 5:01 to 16:12  Powerpoint: Section 4 Lesson 1 – slides 17 to 51  Textbook:  Page 81 – Soluble and insoluble salts  Page 83 - Making soluble salts  Page 85 - Making insoluble salts  Page 87 - Summarising the methods of making salts  Page 88 - Chapter checklist  **Practical Resources**  See Jim Clark Video clips link below | Textbook  Page 88 – end of chapter questions.  Answers to textbook Ch B10 Questions - pdf  Talking paper – Edexcel Chemistry Section B10 Making Salts  Section B10 Question – Making salts. (pdf)  Section B10 Question – mark scheme. (pdf) |

**Jim Clark video clips:** [**http://www.chemguide.co.uk/igcse/chapters/chapter10.html**](http://www.chemguide.co.uk/igcse/chapters/chapter10.html)

Videos – www.igcsesciencecourses.com

Textbook Ref: Edexcel International GCSE Chemistry Student Book - Clark

DVD Video Clips – see resource DVD in textbook.