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 ammonium4.7 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 16:12Powerpoint: Section 4 Lesson 1 – slides 17 to 51Textbook:Page 81 – Soluble and insoluble saltsPage 83 - Making soluble saltsPage 85 - Making insoluble saltsPage 87 - Summarising the methods of making saltsPage 88 - Chapter checklist**Practical Resources**See Jim Clark Video clips link below | TextbookPage 88 – end of chapter questions.Answers to textbook Ch B10 Questions - pdfTalking paper – Edexcel Chemistry Section B10 Making SaltsSection 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.