Edexcel International GCSE Chemistry 4CH1 Learning Plan

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| **Unit: 2. Inorganic Chemistry** | | **Chapter: 12. The Halogens** | | **Hours: 3** |
| Content coverage | Learning outcomes | Resources | Assessment | |
| **Section 2: Inorganic chemistry**  (b) Group 7 (halogens) | 2.5 know the colours, physical states (at room temperature) and trends in physical properties of these elements    2.6 use knowledge of trends in Group 7 to predict the properties of other halogens  2.7 understand how displacement reactions involving halogens and halides provide evidence for the trend in reactivity in Group 7  **2.8C explain the trend in reactivity in Group 7 in terms of electronic configurations.** | Video: Section 2 Lesson 2 (part) – Group 7 elements  Powerpoint: Section 2 Lesson 2 (part) – Group 7 elements. Slides from beginning to 49.  Textbook pages:  Page 130 – The Halogens  Page 131 – Safety  Page 131 – Reactions of the halogens  Page 132 – Displacement reactions involving the halogens  Page 134 – Explaining the trend in the reactivity of the halogens  Page 135 – Summarising the main features of the Group 7 elements | Pages 135 – 136 Qs (1) to (3)  Chapter 12 Answers to textbook questions  Unit 2-12 The Halogens exam question - pdf  Unit 2-12 The Halogens exam question mark scheme – pdf  Section 12 - Talking paper video | |

Videos – [www.igcsesciencecourses.com](http://www.igcsesciencecourses.com)

Textbook Ref: Edexcel International GCSE (9-1) Chemistry Student Book - Pearson (Clark, Owen and Yu)