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 elements2.6 use knowledge of trends in Group 7 to predict the properties of other halogens2.7 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 elementsPowerpoint: Section 2 Lesson 2 (part) – Group 7 elements. Slides from beginning to 49.Textbook pages:Page 130 – The HalogensPage 131 – SafetyPage 131 – Reactions of the halogensPage 132 – Displacement reactions involving the halogensPage 134 – Explaining the trend in the reactivity of the halogensPage 135 – Summarising the main features of the Group 7 elements | Pages 135 – 136 Qs (1) to (3)Chapter 12 Answers to textbook questionsUnit 2-12 The Halogens exam question - pdfUnit 2-12 The Halogens exam question mark scheme – pdfSection 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)