Edexcel International GCSE Chemistry 4CH1 Learning Plan

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Unit: 1. Principles of Chemistry** | | **Chapter: 9. Metallic Bonding** | | **Hours: 1** |
| Content coverage | Learning outcomes | Resources | Assessment | |
| **Section 1: Principles of chemistry**  (h) Metallic bonding  Section 2: Inorganic chemistry | **1.52C know how to represent a metallic lattice by a 2-D diagram**  **1.53C understand metallic bonding in terms of electrostatic attractions**  **1.54C explain typical physical properties of metals, including electrical conductivity and malleability** | Video: Section 1 – Lesson 4 – Reacting Masses, Ionic and Covalent Bonding  Powerpoint: Section A3 –Bonding (from slide 42 to end)  Textbook pages:  Page 98 – Metallic bonding  Page 99 – Physical properties of metals | Page 100 Qs (1) to (3)  Chapter 9 Answers to textbook questions  Unit 1-9 Bonding exam question - pdf  Unit 1-9 Bonding exam question mark scheme – pdf  Section A3 - 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)