Edexcel International GCSE Chemistry 4CH1 Learning Plan

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|  **Unit: 1. Principles of Chemistry** | **Chapter: 9. Metallic Bonding** | **Hours: 1** |
| Content coverage | Learning outcomes | Resources | Assessment |
| **Section 1: Principles of chemistry**(h) Metallic bondingSection 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 BondingPowerpoint: Section A3 –Bonding (from slide 42 to end)Textbook pages:Page 98 – Metallic bondingPage 99 – Physical properties of metals | Page 100 Qs (1) to (3)Chapter 9 Answers to textbook questionsUnit 1-9 Bonding exam question - pdfUnit 1-9 Bonding exam question mark scheme – pdfSection 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)