NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Year 11 Chemistry Assessment Topics 2-3 (Bonding only)

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| **Learning Intention** | **Bonding Test Question** | **Chapter Questions** | **Proficiency** | **Comments/questions** |
| Classification of materials, formation of bonds, energy released and required | 1 | - |  |  |
| Melting and boiling points and conductivities of metallic elements | 6 | 24-25 |  |  |
| Melting and boiling points, conductivities and formation of ionic compounds | 7 | 28 |  |  |
| Electron-dot diagrams and structural formulae | 3 | 29 |  |  |
| Polarity of covalent bonds | 2(c)-(f) | 30 |  |  |
| Melting and boiling points, hardness, and conductivity of continuous covalent substances | - | 31 |  |  |
| Shapes of molecules | 2(a)-(b) | 36 |  |  |
| Molecular polarity | 2(g)-(h) | 37-38 |  |  |
| Secondary interactions | 4-5 | 39 |  |  |
| Dipole-dipole interactions and hydrogen bonding | 2(i)-(j) | 40 |  |  |