**Curriculum Overview for Year 9 Science**

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| **Half Term 5: (GCSE content begins) Cell organisation, Chemical bonding, Energy**  **Substantive Knowledge:**  Hierarchy of cells  Organ systems  Plant systems  Ionic, Covalent and Metallic bonding  Structures of chemical compounds  States of matter  Specific heat capacity  Latent heat  Sources of energy  Efficiency  **Disciplinary Knowledge:**  Analysis of data  Writing like a scientist  Understanding and responding to command terms  Applying concepts into different contexts  Recall and use equations | Books | Skim and Scan of source information  Decoding terms  Etymology of key terms |
| Speech | All key words on front sheets from Biology, Chemistry and Physics |
| Checklist RTL | End of Unit tests |
| Home | Review sheets  Recall tests  Revision for end of unit tests  SENECA |
| **Half Term 6: (GCSE content Begins) Cell organisation, Chemical bonding, Energy**  **Substantive Knowledge:**  Hierarchy of cells  Organ systems  Plant systems  Ionic, Covalent and Metallic bonding  Structures of chemical compounds  States of matter  Specific heat capacity  Latent heat  Sources of energy  Efficiency  **Disciplinary Knowledge:**  Analysis of data  Writing like a scientist  Understanding and responding to command terms  Applying concepts into different contexts  Recall and use equations | Books | Skim and Scan of source information  Decoding terms  Etymology of key terms |
| Speech | All key words on front sheets from Biology, Chemistry and Physics |
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