**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 cellsOrgan systemsPlant systemsIonic, Covalent and Metallic bondingStructures of chemical compoundsStates of matterSpecific heat capacityLatent heatSources of energyEfficiency**Disciplinary Knowledge:**Analysis of dataWriting like a scientistUnderstanding and responding to command termsApplying concepts into different contextsRecall and use equations | Books | Skim and Scan of source informationDecoding termsEtymology of key terms |
| Speech | All key words on front sheets from Biology, Chemistry and Physics |
| Checklist RTL | End of Unit tests |
| Home | Review sheetsRecall testsRevision for end of unit testsSENECA |
| **Half Term 6: (GCSE content Begins) Cell organisation, Chemical bonding, Energy****Substantive Knowledge:**Hierarchy of cellsOrgan systemsPlant systemsIonic, Covalent and Metallic bondingStructures of chemical compoundsStates of matterSpecific heat capacityLatent heatSources of energyEfficiency**Disciplinary Knowledge:**Analysis of dataWriting like a scientistUnderstanding and responding to command termsApplying concepts into different contextsRecall and use equations | Books | Skim and Scan of source informationDecoding termsEtymology of key terms |
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