



Curriculum Overview for Year 9 Science

<p>Half Term 5: (GCSE content begins) Cell organisation, Chemical bonding, Energy</p> <p>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</p> <p>Disciplinary Knowledge: Analysis of data Writing like a scientist Understanding and responding to command terms Applying concepts into different contexts Recall and use equations</p>		Skim and Scan of source information Decoding terms Etymology of key terms
		All key words on front sheets from Biology, Chemistry and Physics
		End of Unit tests
		Review sheets Recall tests Revision for end of unit tests SENECA
<p>Half Term 6: (GCSE content Begins) Cell organisation, Chemical bonding, Energy</p> <p>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</p> <p>Disciplinary Knowledge: Analysis of data Writing like a scientist Understanding and responding to command terms Applying concepts into different contexts Recall and use equations</p>		Skim and Scan of source information Decoding terms Etymology of key terms
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