

Curriculum Overview – **Science Year 11**

Year	Term	Units of Work	Assessment
11	1	<p>Biology</p> <ul style="list-style-type: none"> • Genetic engineering • Evolution • Classification • Communities and adaptations • Separate science – cloning, speciation <p>Chemistry</p> <ul style="list-style-type: none"> • Energy changes in reactions • Organic chemistry (Separate chemistry only) • Reversible reactions and equilibria <p>Physics</p> <ul style="list-style-type: none"> • Forces 	<p>Biology</p> <ul style="list-style-type: none"> • Key task focusing on topics listed • Y11 Mocks – using an edited past Paper <p>Chemistry</p> <ul style="list-style-type: none"> • Key task focusing on Energy Changes with some synoptic content, Separate Chemistry task to focus on Organic Chemistry • Y11 Mocks – using an edited past Paper <p>Physics</p> <ul style="list-style-type: none"> • Key task focusing on Forces • Y11 Mocks – using an edited past Paper <p>Separate science classes also complete an additional key task which formatively assesses an additional piece of extended writing.</p>
	2	<p>Biology</p> <ul style="list-style-type: none"> • Quadrats • Biodiversity • Land use and deforestation • Global warming • Separate science – pyramids of biomass, farming and fisheries, biotechnology <p>Chemistry</p> <ul style="list-style-type: none"> • Quantitative Chemistry • Chemical Analysis <p>Physics</p> <ul style="list-style-type: none"> • Waves 	<p>Biology</p> <ul style="list-style-type: none"> • Key task focusing on topics listed • Y11 Mocks – using a past Paper <p>Chemistry</p> <ul style="list-style-type: none"> • Key task focusing on Quantitative Chemistry • Y11 Mocks – using a past Paper <p>Physics</p> <ul style="list-style-type: none"> • Key task focusing on Waves • Y11 Mocks – using a past Paper <p>Separate science classes also complete an additional key task which formatively assesses an additional piece of extended writing.</p>

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