


Department	SCIENCE (Biology – YR 11)	 HeathPark EVERY PUPIL ALWAYS IN FOCUS
Key Stage	Key Stage 4	
Course Level	GCSE	
Exam Board	AQA	

Dates Delivered	Unit Title	End Points	Substantive Knowledge What will they learn about in this topic?	Disciplinary Knowledge What subject concepts will be developed through this topic?	Assessment Method	Key Course Guides & Reading
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Autumn term	<p><u>In class focus:</u> Paper 1 content</p> <p><u>Focus at home:</u> Paper 2 content</p> <p><i>Support material on Teams.</i></p>	<p>To be able to recall key content from cell biology, organisation, infection and response and photosynthesis.</p> <p>To be able to apply knowledge to application exam questions.</p> <p>To be able to apply practical skills to application exam questions.</p>	<p>Cell Biology</p> <p>Organisation</p> <p>Infection and response</p> <p>Bioenergetics</p>	<p>Reminding ourselves of the key topics in Biology paper 1 (covered in year 9) and building confidence with the application of the content.</p> <p>Identifying gaps in their knowledge through knowledge books and in class tests, and then being given the opportunity to close those gaps.</p> <p>Closing the gaps between AO1-AO2 and between AO2-AO3 exam questions. Pushing students to achieve their grades.</p> <p>Analysing graphs and data. Calculating means and identifying anomalous results (<u>Maths link</u>)</p> <p>Identifying control, dependent and independent variables.</p> <p>Linking topics to ensure in-depth knowledge.</p> <p>Improving written communication skills and SPAG in preparation for 6-mark exam questions (<u>Literacy link</u>)</p>	<p>November Paper 1 and Paper 2 mocks</p>	<p>AQA website for whole specification: GCSE Biology Specification Specification for first teaching in 2016 (aqa.org.uk)</p> <p>Physics and Maths tutor: AQA GCSE (9-1) Biology Revision - PMT (physicsandmathstutor.com)</p> <p>This covers the whole course, as well as Chemistry and Physics. It includes:</p> <ol style="list-style-type: none"> 1. Revision notes 2. Key definitions 3. Pre made flash cards 4. Mind-maps
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						<p>5. Exam questions and mark schemes</p> <p>YouTube support: Freescienceless ons - YouTube Detailed videos on the whole course – including Chemistry and Physics</p> <p>YouTube support: Malmesbury Education - YouTube Detailed videos on all required practical's – including Chemistry and Physics</p>
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Dates Delivered	Unit Title	End Points	Substantive Knowledge What will they learn about in this topic?	Disciplinary Knowledge What subject concepts will be developed through this topic?	Assessment Method	Key Course Guides & Reading
Spring /summer term	<p><u>In class focus:</u> Paper 2 content</p> <p><u>Focus at home:</u> Paper 1 content</p> <p><i>Support material on Teams.</i></p>	<p>To be able to apply their in-depth knowledge and understanding to exam questions.</p> <p>To be able to incorporate key terminology, points and explanations in long 6-mark questions that assess written communication.</p> <p>To be able to conduct the practicals within the class to close any gaps and further improve understanding. To also provide flexibility to allow students to adjust practical methods and see the outcomes. Again, further improving their understanding.</p>	<p>Homeostasis</p> <p>Inheritance and variation</p> <p>Ecology</p>	<p>Reminding ourselves of the key topics in Biology paper 1 (covered in year 9) and building confidence with the application of the content.</p> <p>Identifying gaps in their knowledge through knowledge books and in class tests, and then being given the opportunity to close those gaps.</p> <p>Closing the gaps between AO1-AO2 and between AO2-AO3 exam questions. Pushing students to achieve their grades.</p> <p>Analysing graphs and data. Calculating means and identifying anomalous results <u>(Maths link)</u></p> <p>Identifying control, dependent and independent variables.</p> <p>Linking topics to ensure in-depth knowledge.</p>		<p>AQA website for whole specification: GCSE Biology Specification for first teaching in 2016 (aqa.org.uk)</p> <p>Physics and Maths tutor: AQA GCSE (9-1) Biology Revision - PMT (physicsandmathstutor.com)</p> <p>This covers the whole course, as well as Chemistry and Physics. It includes:</p>

				<p>Improving written communication skills and SPAG in preparation for 6-mark exam questions <u>(Literacy link)</u></p>	<ol style="list-style-type: none">1. Revision notes2. Key definitions3. Pre made flash cards4. Mind-maps5. Exam questions and mark schemes <p>YouTube support: Freescienceless ons - YouTube Detailed videos on the whole course – including Chemistry and Physics</p> <p>YouTube support: Malmesbury Education - YouTube Detailed videos on all required practical's – including</p>
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