




<p>Year 11: Biology</p>	<p>Curriculum Intent: in year 11 combined science Biology the aim is to build on students knowledge learned from year 7-10 to being able to apply this knowledge. Exam skills will be taught through recapping the knowledge the students have developed in the following topics:</p> <ul style="list-style-type: none"> - Cell-Level Systems - Scaling Up - Organism-Level Systems - Community-Level Systems - Genes, Inheritance and Selection - Global Challenges 					
	<p>Topic 1 Cell-Level Systems</p>	<p>Topic 2 Scaling Up</p>	<p>Topic 3 Organism-Level Systems</p>	<p>Topic 4 Community-Level Systems</p>	<p>Topic 5 Genes, Inheritance and Selection</p>	<p>Topic 6 Global Challenges</p>
<p>Key ideas</p>	<ul style="list-style-type: none"> • Cell structures • What happens in cells • Respiration • Photosynthesis 	<ul style="list-style-type: none"> • Supplying the cell • Mitosis • Cell differentiation • Exchange and transport • Organ systems 	<ul style="list-style-type: none"> • The nervous system • The endocrine system • Maintaining internal environments 	<ul style="list-style-type: none"> • Ecosystems • Competition and interdependence • Nutrient cycling • The carbon cycle 	<ul style="list-style-type: none"> • Inheritance • Variation • Genetic crosses • Natural selection and evolution • Classification 	<ul style="list-style-type: none"> • Monitoring and maintaining the environment • Sampling techniques • Feeding the human race • Monitoring and maintaining health • Non-communicable diseases
<p>Sequence of Learning -Key Questions</p>	<p>All questions will be covered from years 7-10 topics</p>					
<p>Vocabulary</p>	<p>All vocabulary will be covered from years 7-10 topics</p>					
<p>Practical Skills</p>	<p>All practical skills will be recapped from years 7 – 10 topics</p>					

Assessment (Related to mastery grids)	AO1 - Tassomai AO2 – applying knowledge – exam style questions	AO1 - Tassomai AO2 – applying knowledge – exam style questions	AO1 - Tassomai AO2 – applying knowledge – exam style questions	AO1 - Tassomai AO2 – applying knowledge – exam style questions	AO1 - Tassomai AO2 – applying knowledge – exam style questions	AO1 - Tassomai AO2 – applying knowledge – exam style questions
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