

## Year 9 Curriculum Map: Science

	Unit 1 & 2	Unit 3 & 4	Unit 5 & 6
<b>Unit Title &amp; Assessment Task</b>	<p>Genes B Waves B Biology Transition unit (Set 2 and 4) Chemistry Transition unit (Set 1) Physics Transition unit (Set 3)</p> <p>Assessment will cover all of the topics studied and will include a variety of question types.</p>	<p>Biology Transition unit (Set 3) Chemistry Transition unit (Set 2) Physics Transition unit (Set 1 and 4)</p> <p>Assessment will cover all of the topics studied and will include a variety of question types.</p>	<p>Biology Transition unit (set 1) Chemistry Transition unit (Set 3 and 4) Physics Transition unit (Set 2)</p> <p>Assessment will cover all of the topics studied and will include a variety of question types.</p>
<b>Key Knowledge/ Skills</b>	<p>Know how inheritance, variation and selection led to Evolution.</p> <p>Know how waves, in sound light and the electromagnetic spectrum behave.</p> <p>Know how cells grow, reproduce and how substances move in and out.</p> <p>Know how atoms are constructed and how they are arranged with in the periodic table.</p> <p>Know how energy is stored and transferred.</p>	<p>Know how cells grow, reproduce and how substances move in and out.</p> <p>Know how atoms are constructed and how they are arranged with in the periodic table.</p> <p>Know how energy is stored and transferred.</p>	<p>Know how cells grow, reproduce and how substances move in and out.</p> <p>Know how atoms are constructed and how they are arranged with in the periodic table.</p> <p>Know how energy is stored and transferred.</p>
<b>Rationale:</b>	<p>These schemes of learning build upon core knowledge learnt at KS2. They develop student's ability to understand and apply knowledge in more depth. Pupils will also begin to develop essential practical skills.</p>	<p>These schemes of learning build upon core knowledge learnt at KS2. They develop student's ability to understand and apply knowledge in more depth. Pupils will also begin to develop essential practical skills.</p>	<p>These schemes of learning build upon core knowledge learnt at KS2. They develop student's ability to understand and apply knowledge in more depth. Pupils will also begin to develop essential practical skills.</p>