



## Bishop Stopford's School

### Curriculum Map Year 11

Curriculum Intent: To deliver an inclusive and comprehensive GCSE examination curriculum

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Unit of work	<p><b>Inheritance, Variation and evolution</b> This unit develops ideas from Key Stage 3 about variation and explores concepts about DNA, inheritance, reproduction and variation.</p> <p><b>Organic Chemistry</b> This unit develops ideas from Key Stage 3 about resources from the Earth and looks at hydrocarbons and how we are able to extract them by fractional distillation for our daily lives</p> <p><b>Forces</b> This unit develops ideas from Key Stage 3 and links ideas about resolving forces and motion. All units equip students for the modern world, developing their knowledge and understanding.</p>	<p><b>Inheritance, Variation and evolution</b> This unit develops ideas from Key Stage 3 about variation and explores concepts about DNA, inheritance, reproduction and variation.</p> <p><b>Organic Chemistry</b> This unit develops ideas from Key Stage 3 about resources from the Earth and looks at hydrocarbons and how we are able to extract them by fractional distillation for our daily lives</p> <p><b>Magnetism</b> This unit develops ideas from Key Stage 3 around what a magnet is and explores ideas about how magnets work and the motor effect. All units equip students for the modern world, developing their knowledge and understanding.</p>	<p><b>Ecology</b> This unit develops ideas from Key Stage 3 about Food chains, and considers the concept of interdependence as well as looking at how resources are naturally recycled and the impact that humans have had on our planet.</p> <p><b>Chemical Analysis</b> This unit develops ideas from Key Stage 3 about separating techniques and chemical reactions to explore ideas about chromatography, formulations, &amp; identifying gases.</p> <p><b>The Earth's Atmosphere</b> This unit develops ideas from Key Stage 3 about the Earth and explores ideas about the Evolution of the atmosphere and the impact of humans on it.</p> <p><b>Magnetism</b> This unit develops ideas from Key Stage 3 around what a magnet is and explores ideas about how magnets work and the motor effect. All units equip students for the modern world, developing their knowledge and understanding. Ideas about magnets and the motor effect. All units equip students for the modern world, developing their knowledge and understanding.</p>	<p><b>Ecology</b> This unit develops ideas from Key Stage 3 about Food chains, and considers the concept of interdependence as well as looking at how resources are naturally recycled and the impact that humans have had on our planet.</p> <p><b>Using Resources</b> This unit develops ideas from Key Stage 3 about using the Earth's resources and explores ideas about potable water and purification and allows students to see how their drinking water gets produced.</p> <p><b>Magnetism</b> This unit develops ideas from Key Stage 3 around what a magnet is and explores ideas about how magnets work and the motor effect</p> <p><b>Space (Triple only)</b> This unit develops ideas from Key Stage 3 about forces and explores ideas about the Big Bang theory, the Universe and the use of Satellites to support human understanding. All units equip students for the modern world, developing their knowledge and understanding. Note: Mock 2</p>	Revision	Exams
Core Skills	<ul style="list-style-type: none"> <li>Enquiry</li> <li>Communication (literacy)</li> <li>Develop extended writing</li> <li>Critical thinking</li> <li>Analysis</li> <li>Critical evaluation</li> <li>Make judgements</li> <li>Make arguments</li> <li>Draw informed decisions</li> <li>Synthesis of information</li> <li>Inference</li> <li>Numeracy</li> </ul>	<ul style="list-style-type: none"> <li>Enquiry</li> <li>Communication (literacy)</li> <li>Develop extended writing</li> <li>Critical thinking</li> <li>Analysis</li> <li>Critical evaluation</li> <li>Make judgements</li> <li>Make arguments</li> <li>Draw informed decisions</li> <li>Synthesis of information</li> <li>Inference</li> <li>Numeracy</li> </ul>	<ul style="list-style-type: none"> <li>Enquiry</li> <li>Communication (literacy)</li> <li>Develop extended writing</li> <li>Critical thinking</li> <li>Analysis</li> <li>Critical evaluation</li> <li>Make judgements</li> <li>Make arguments</li> <li>Draw informed decisions</li> <li>Synthesis of information</li> <li>Inference</li> <li>Numeracy</li> </ul>	<ul style="list-style-type: none"> <li>Enquiry</li> <li>Communication (literacy)</li> <li>Develop extended writing</li> <li>Critical thinking</li> <li>Analysis</li> <li>Critical evaluation</li> <li>Make judgements</li> <li>Make arguments</li> <li>Draw informed decisions</li> <li>Synthesis of information</li> <li>Inference</li> <li>Numeracy</li> </ul>	<ul style="list-style-type: none"> <li>Exam technique skills</li> <li>Enquiry</li> <li>Communication (literacy)</li> <li>Develop extended writing</li> <li>Critical thinking</li> <li>Analysis</li> <li>Critical evaluation</li> <li>Make judgements</li> <li>Make arguments</li> <li>Draw informed decisions</li> <li>Synthesis of information</li> <li>Inference</li> <li>Numeracy</li> </ul>	<ul style="list-style-type: none"> <li>Enquiry</li> <li>Communication (literacy)</li> <li>Develop extended writing</li> <li>Critical thinking</li> <li>Analysis</li> <li>Critical evaluation</li> <li>Make judgements</li> <li>Make arguments</li> <li>Draw informed decisions</li> <li>Synthesis of information</li> <li>Inference</li> <li>Numeracy</li> </ul>
Core Knowledge	<p>Inheritance, Variation and evolution Inheritance of characteristics and DNA Reproduction.</p> <p>Organic Chemistry Alkanes, fractional distillation and cracking.</p> <p>Forces Resolving forces and motion</p>	<p>Inheritance, Variation and evolution Inheritance of characteristics and DNA Reproduction.</p> <p>Organic Chemistry Alkanes, fractional distillation and cracking.</p> <p>Magnetism Ideas about magnets and the motor effect.</p>	<p>Ecology Food chains, interdependence, recycling, water/ carbon/ nitrogen cycles, biodiversity</p> <p>Chemical Analysis Ideas about chromatography, formulations, identifying gases.</p> <p>The Earth's Atmosphere Evolution of the atmosphere</p> <p>Magnetism Ideas about magnets and the motor effect.</p>	<p>Ecology Food chains, interdependence, recycling, water/ carbon/ nitrogen cycles, biodiversity</p> <p>Using Resources Phytomining, potable water and purification.</p> <p>Magnetism Ideas about magnets and the motor effect.</p> <p>Space (Triple only) Ideas about the Big Bang, Universe and Satellites.</p>	Revision	Exams
Link to prior learning	<p>What is variation, types of variation, specialised cells, fossils and evolution</p> <p>Word and chemical equations, formulae, structure of the earth.</p> <p>Balanced &amp; unbalanced forces, measuring force</p>	<p>What is variation, types of variation, specialised cells, fossils and evolution</p> <p>Word and chemical equations, formulae, structure of the earth.</p> <p>What is a magnet, how to build a simple electromagnet, non contact forces</p>	<p>Food chains, producers and consumers.</p> <p>Word and chemical equations, elements, mixtures and compounds, separating techniques.</p> <p>What is a magnet, how to build a simple electromagnet, non contact forces</p>	<p>Food chains, producers and consumers.</p> <p>Resources from the earth, elements, mixtures and compounds</p> <p>What is a magnet, how to build a simple electromagnet, non contact forces</p> <p>The Solar System, natural satellites.</p>		
Assessment & Feedback	<p>Formative HW tasks</p> <p>End of topic test.</p> <p>Once per two weeks Peer Assessment (PA) and Self Assessment (SA) using green pen. Next steps to be acted upon and monitored.</p>	<p>Formative HW tasks.</p> <p>End of topic test.</p> <p>Once per two weeks Peer Assessment (PA) and Self Assessment (SA) using green pen. Next steps to be acted upon and monitored.</p> <p>DC1 - Summative Assessment of KS4 curriculum</p>	<p>Formative HW tasks.</p> <p>End of topic test.</p> <p>Once per two weeks Peer Assessment (PA) and Self Assessment (SA) using green pen. Next steps to be acted upon and monitored.</p>	<p>Formative HW tasks.</p> <p>End of topic test.</p> <p>Once per two weeks Peer Assessment (PA) and Self Assessment (SA) using green pen. Next steps to be acted upon and monitored.</p> <p>DC2 - Summative Assessment of KS4 curriculum</p>	<p>Formative HW tasks</p> <p>Once per two weeks Peer Assessment (PA) and Self Assessment (SA) using green pen. Next steps to be acted upon and monitored.</p>	<p>Formative HW tasks.</p> <p>Once per two weeks Peer Assessment (PA) and Self Assessment (SA) using green pen. Next steps to be acted upon and monitored.</p>