

## Key Stage 3 Information

Key Assessment Dates	6 formal key assessment dates over the year. These are towards the end of each half-term.
Topics covered in Yr7 Autumn term	Biology - Cells Chemistry - Particles and their behaviour Physics - Forces, Sound
Topics covered in Yr7 Spring term	Biology - Body systems Chemistry - Elements, atoms and compounds Physics - Light
Topics covered in Yr7 Summer term	Biology - Reproduction Chemistry - Reactions, Acids and Alkalis Physics - Space
Topics covered in Yr8 Autumn term	Biology - Health and lifestyle, Biological processes Chemistry - Periodic table, Separation techniques Physics - Electricity and Magnetism
Topics covered in Yr8 Spring term	Biology - Ecosystems and adaptation Chemistry - Metals and other materials Physics - Energy
Topics covered in Yr8 Summer term	Biology - Inheritance Chemistry - The Earth Physics - Motion and pressure
Topics covered in Yr9 Autumn term	Biology - Cell structure and transport, Cell division Chemistry - Atomic structure, Periodic table Physics - Energy, Electricity
Topics covered in Yr9 Spring term	Biology - Organism and Digestive system Chemistry - Structure and bonding Physics - Electricity, Molecules and matter
Topics covered in Yr9 Summer term	Biology - Organising animals and plants, Organisms Chemistry - Chemical calculations Physics - Molecules and matter
Useful resources to support learning in this subject	Kerboodle BBC Bite Size

## GCSE Information

Exam board	Year 9 and 10 - AQA Year 11 - Edexcel
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Units / papers students are entered for	<p>2 papers for each Biology, Chemistry and Physics</p> <p>Biology: Paper 1 - 1 Cells and organisation, 2 Disease and Biology bioenergetics</p> <p>Biology: Paper 2 - 3 Biological responses, 4 Genetics and reproduction, B5 Ecology</p> <p>Chemistry: Paper 1 - 1 Atoms, bonding, and moles, 2 Chemical reactions and energy changes</p> <p>Chemistry: Paper 2 - 3 Rates, equilibrium and organic chemistry, 4 Analysis and the Earth's resources</p> <p>Physics: Paper 1 - 1 Energy and energy resources, 2 Particles at work</p> <p>Physics: Paper 2 - 3 Forces in action, 4 Waves, electromagnetism, and space</p>
Key Assessment Dates	<p>6 formal key assessment dates over the year. These are towards the end of each half-term.</p> <p>"10th May Biology 1 - AM</p> <p>17th May Chemistry 1</p> <p>22nd May Physics 1</p> <p>1SCO 2BF/H Biology 2 Friday 7th June PM</p> <p>11th June chemistry 2</p> <p>14th June Physics 2</p>
Topics covered in Yr10 Autumn term	<p>Biology - Communicable diseases, Preventing diseases, Non-communicable diseases</p> <p>Chemistry - Chemical changes, Electrolysis</p> <p>Physics - Radioactivity, Forces in balance</p>
Topics covered in Yr10 Spring term	<p>Biology - Photosynthesis, Respiration</p> <p>Chemistry - Energy changes, Rates and equilibrium</p> <p>Physics - Resolution of forces, Forces and motion</p>
Topics covered in Yr10 Summer term	<p>Biology - Biological responses</p> <p>Chemistry - Rates and equilibrium</p> <p>Physics - Forces and Motion</p>
Topics covered in Yr11 Autumn term	<p>Biology - Genes and reproduction, Variation and evolution</p> <p>Chemistry - Crude oil and fuels, Analysis and the Earth's resources</p> <p>Physics - Waves and properties,</p>
Topics covered in Yr11 Spring term	<p>Biology - Ecology</p> <p>Chemistry - The Earth's atmosphere</p> <p>Physics - Waves and properties</p>

Topics covered in Yr11 Summer term	Biology - Revision Chemistry - Revision Physics - Revision
Useful resources to support learning in this subject	Kerboodle Online BBC Bite size