

## 2016/17 Curriculum Plan – Science

	Half Term	Year 7	Year 8	Year 9	Year 10	Year 11
Autumn Term	1	Living Systems  Particle Theory  Forces and Motion	Reproduction and Growth  Everyday Chemistry  Waves	GCSE Preparation Units; Diet and Exercise, Periodic Table, Generating electricity + Scientific Enquiry skills	Biology – Disease and Biogenetics  Chemistry – Analysis and Earths Resources  Physics – Waves, Electromagnetism and Space	<b>Triple Science</b> – Finish Additional Units and Start Further Additional Units  <b>Sets 2-4</b> – Additional Science units continued  <b>Set 5</b> – Core Science Units
	2					
Spring Term	3	Diet and Health  Earth and The Atmosphere  Space	Ecosystems  Atoms, Elements and Compounds  Pressure	Scientific Enquiry and Practical Skills  Maths in Science	Biology – Genetics and Reproduction  Chemistry – Rates, Equilibria and Organic Chemistry  Physics – Particles at work	In Term 3; Triple Science – finish further additional science units <b>Sets 2-4</b> – finish additional science units <b>Set 5</b> - finish core units  In Term 4 ALL sets to start GCSE revision programme
	4					
Summer Term	5	Genetics and Evolution  Acids and Alkali  Energy Changes and Transfers	Photosynthesis  Chemical Reactions  Current and Electricity	Biology – Adaption and Independence  Chemistry – Atomic Structure  Physics – Energy Transfer by Heating	Biology – Biological Responses  Chemistry – Chemical Reactions and Energy Changes  Physics – Forces in Action	ALL STUDENTS following revision programme <b>Examination Dates</b> <b>Biology 1 – 16<sup>th</sup> May</b> <b>Chemistry 1 – 18<sup>th</sup> May</b> <b>Physics 1 – 24<sup>th</sup> May</b>  <b>Biology 2 + 3 -9<sup>th</sup> June</b>
	6					

2016/17 Curriculum Plan – Science

						<b>Chemistry 2 + 3 - 14<sup>th</sup> June</b> <b>Physics 2 + 3 – 16<sup>th</sup> June</b>
Useful Websites and Texts	BBC Bitesize KS3	BBC Bitesize KS3	BBC Bitesize KS4	BBC Bitesize GCSE Science Revision guides TBC	BBC Bitesize GCSE Science AQA Science Revision Guides  Above Required for sets 2-4  Below are books required for Triple Science (set 1) Revision guides can be purchased from our library for £2.50 per GCSE	