2017/18 Curriculum Plan – Science

	Half Term	Year 7	Year 8	Year 9	Year 10	Year 11
Autumn Term	1	Organisms Matter Forces	Diet and Health Atoms, Elements and Compounds Waves	Scientific Enquiry and Practical Skills Maths in Science	Biology – Digestion and Organ systems Chemistry – Chemical Reactions and Energy Changes Physics – Matter and Radioactivity	Biology – Biological Responses Chemistry – Earths Resources Physics – Waves, electromagnetism and Space
	2					
Spring Term	3	Ecosystems Acids and Alkalis Electricity	Genetics and Evolution Reactions Energy	Start 9-1 GCSE Biology – Ecology Chemistry – Atoms, Bonding and Moles Physics – Energy and Energy Resources	Biology – Diseases Chemistry – Rates and Equilibria Physics – Forces and Motion	Biology – Genetics and Reproduction Chemistry – Required practicals Physics – Waves, electromagnetism and Space cont.
	4					
Summer Term	5	Genes Earth and Space Energy Transfer	Photosynthesis Materials Pressure and Moments	Biology – Cells and Organisation Chemistry – Structure and Bonding and chemical calculations Physics – Electrical Circuits	Biology – Bioenergetics Chemistry – Organic chemistry and Chemical Analysis Physics – Forces in Action	ALL STUDENTS following revision programme **Examination Dates Biology 1 – 15th May Chemistry 1 – 17th May Physics 1 – 23th May** **Biology 2 -11th June Chemistry 2 - 13th June Physics 2 – 15th June**
	6					

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	BBC Bitesize KS3	BBC Bitesize KS3	BBC Bitesize KS4	BBC Bitesize GCSE Science	BBC Bitesize GCSE Science
Useful Websites and Texts				Revision guides TBC	AQA Revision Guides Available from the school shop. Each student needs 3 revision guides as they are subject specific; Biology, Chemistry and Physics There are different revision guides for set 1 who are following the Triple Course. Sets 2-5 need to by the 3 subject specific revision guides which follow the Combined Science GCSE course