

Curriculum Map

Subject: Science

Year Group: 11

Time Period	Autumn Term	Spring Term	Summer Term
Content	Paper 1 revision for Mocks Inheritance Classification and evolution Atmosphere and Hydrocarbons Waves and EM Waves Magnets and motors	Ecology Biodiversity and Ecosystems Sustainability Revision	Exam revision time
Skills	Analyse secondary data. Predicting, making inferences and describing relationships Use of scientific terms Organisation of ideas and information Identifying main ideas, events and supporting details Application of working scientifically	Analyse secondary data. Predicting, making inferences and describing relationships Use of scientific terms Organisation of ideas and information Identifying main ideas, events and supporting details Application of working scientifically	Analyse secondary data. Predicting, making inferences and describing relationships Use of scientific terms Organisation of ideas and information Identifying main ideas, events and supporting details Application of working scientifically
Key Questions	What is variation? How do our genes control our phenotype? What is genetic engineering? Is genetic engineering ethical? What are inherited disorders and how can we predict the likelihood of them occurring? What were the ideas of Darwin, Lamarck, and Wallace? Why do we not have a complete fossil record? Why a species might become extinct? How does antibiotic resistance develop in bacteria? What are the ways to avoid antibiotic resistance developing? How is human activity affecting the Earth's	Why is the nature of cycling in nature so important? What is global warming and why does it matter? How can we make food production more efficient? How is human activity affecting the Earth's Atmosphere?	

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	Atmosphere? How are we seeking to make sustainable use of the Earth's limited resources? What is the motor effect? What is an electric current? How do series and parallel circuits differ?		
Assessment week and content	Acids and neutralisation W/C 3 rd October Inheritance W/C 2 nd October Motion W/C 12 th December Paper 1 mocks W/C 17 th October W/C 31 st October	Ecology W/C 15 th January Hydrocarbons W/C 15 th January Paper 2 mocks W/C 29 th January Ecosystems W/C 19 th February Motors W/C 22 nd January	

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