

Year 11 Curriculum - Breakdown

Below is the sequencing of learning for Core subjects. Due to the vast array of options and different combinations available, please see the individual subject pages on our website for options subjects.

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
English	Literature - Poetry Anthology Continuing the study of AQA’s ‘Power & Conflict’ Anthology, begun in Y10. Language - Writers’ Viewpoints and Perspectives Revisiting and building on the skills for reading and writing non-fiction texts successfully, begun in Y10. Mock examination: Language past exam paper questions		Language – Explorations in Creative Reading and Writing Revisiting and building on the skills for reading and writing fiction texts successfully, begun in Y10. Literature - Poetry Anthology and revision of full texts Continuing the study of AQA’s ‘Power & Conflict’ Anthology, begun in Y10. Revisiting the Modern and Shakespeare Texts studied in Y10, moving towards exam preparation Mock examination: Literature past exam paper questions		Revision – All Language and Literature Units	
Maths	Higher 18 - Vectors and geometric proof (10) 19a - Reciprocal and exponential graphs; Gradient and area under graphs (8) 16a - Circle theorems (6) 16b - Circle Geometry (5) 17 - Changing the subject of formulae (more complex), algebraic fractions, solving equations arising from algebraic fractions, rationalising surds, proof (8) Revision week for Mocks (4) Foundation 17 - Circles, cylinders, cones and spheres (7) 18a - Fractions and Reciprocals (5) 18b - Indices and standard form (6) 16b - Quadratic equations: graphs (4) 17 - Circles, cylinders, cones and spheres (7) 18a - Fractions and Reciprocals (5) 18b - Indices and standard form (6) Revision week for Mocks (4)	Higher Mock Exams (2 weeks) Mock Exam review & DIRT 19b - Direct and inverse proportion (8) 18 - Vectors and geometric proof (10) Foundation Mock Exams (2 weeks) Mock Exam review & DIRT 19a - Similarity and congruence in 2D (7) 19b - Vectors (7) 19a - Similarity and congruence in 2D (7)	Higher 19a - Reciprocal and exponential graphs (8) 19b - Direct and inverse proportion (8) Revision and past papers Revision week for Mocks (4) Foundation 20 - Rearranging equations, graphs of cubic and reciprocal functions and simultaneous equations (5) 19b - Vectors (7) 20 - Rearranging equations, graphs of cubic and reciprocal functions and simultaneous equations (5) Revision week for Mocks (4) Mock Exams	Higher Mock Exam review & DIRT Revision and past papers Foundation Mock Exam review & DIRT Revision and past papers Mock Exam review & DIRT Revision and past papers	Revision	
Science (Biology)	Edexcel GCSE combined and separate biology. <u>Plant structures and their functions.</u> Learners start by studying leaf structure, photosynthesis and factors affecting the rate of photosynthesis. They also conduct a core practical, investigating the effect of light intensity on the rate of photosynthesis. Transpiration and translocation are studied. Edexcel GCSE separate biology only. <u>Plant structures and their functions.</u> The adaptations for reducing water loss follow up the work on transpiration. Finally, learners study the role of plant growth substances in tropisms, and their applications.		Edexcel GCSE combined and separate biology. <u>Exchange and transport in animals</u> Learners start by studying the structure and function of the heart, blood vessels and lungs. Later in the topic, they study aerobic and anaerobic respiration. Learners conduct a core practical, investigating the effect of temperature on the rate of respiration in organisms.		Edexcel GCSE combined and separate biology. Revision of All Topics	

Science (Chemistry)	Rates of reaction		Fuels Earth and Atmospheric science		Revision	
	Students will learn how changes in conditions can affect the rates of reactions.		In this unit students will learn about Hydrocarbons found in crude oil and natural gases and they also learn how the Earth’s atmosphere has changed in the past and how it is changing now.			
	Core Practical		Revision			
	Investigating reaction rates.					
Heat energy changes in chemical reactions. Students will learn about the energy transfers that can occur during chemical reactions.						
Science (Physics)	Magnetism		The Particle Model		Revision and external exams	
	Building on the foundation of knowledge laid down in the previous unit on Electricity, students will learn about magnetic fields and electromagnetism. The will understand how magnetic effects are used to produce forces and to change the voltage of electricity supplies through electromagnetic induction.		Building on ideas introduced in Year 7, students learn about the particle model (kinetic theory) to explain properties of matter. They synthesise their knowledge learned in the energy and electricity units to help them understand the energy changes involved when a substance changes temperature and/or state. This unit incorporates compulsory core practicals: calculating densities of substances, and calculating the specific heat capacity of water.		Students will revise the content of the previous three years of study through a carefully designed sequence of re- teaching, exam question technique, past paper practice, walking-talking mocks and assessment.	
RS	Crime and Punishment	Crime and Punishment	Relationships and Family	Revision	Revision	
		Relationships and Family				

