



Love of Learning, Opportunity, Resilience, Respect

2024 - 2025 Year 9 Curriculum Overview

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Art	Exploration of the theme 'Surrealism & Metamorphosis'	Georgia O'Keeffe	Mono printing and Andre Masson	Edward Weston	Final piece designing	'Surrealism & Metamorphosis' final piece making
	Observational studies Skills: Exploring and recording ideas. Exploring media, techniques, and processes	Skills: Practical and written analysis. Interpretation and development of sources.	Skills: Recording and observing. Exploring media, techniques, and processes	Skills: Practical and written analysis. Interpretation and development of sources.	Skills: Synthesis of learning, experimenting, reviewing, and refining	Skills: Realisation of intentions
Biology	Cells, Microscopy and diffusion	Osmosis and active transport	Cell cycle and stem cells	Animal Organisation: Digestion and Enzymes	Animal Organisation: gas exchange and transport	Animal Organisation: non-communicable diseases and links to lifestyle
Chemistry	Atomic Structure and the Periodic Table	Atomic Structure and the Periodic Table	Structure and Bonding	Structure and Bonding	Hydrocarbons	Atmosphere
Computing	Online Safety – Recap Travel App Creation (App inventor)	Travel App Creation Ethical and Cultural Issues Environmental Issues	Computer Systems and Networking Python Programming	Data Representation Computational thinking and Python Programming	PC Architecture and Components	The Internet Web Page Design
Design and Technology	Nutrition Mini Design & Make: [Food] [Product] Designer/Jewellery/Metal	Sauces Mini Design & Make: Designer/Jewellery/Metal	Bread making/Heat transference Mini Design & Make: Designer/Jewellery/Metal	Pastry Mini Design & Make: Designer/Jewellery/Metal	Factors affecting food choice Mini Design & Make: Designer/Jewellery/Metal	Cultural menus Mini Design & Make: Designer/Jewellery/Metal
a	Product Design: Sustainability	Product Design: Sustainability	Product Design: Sustainability	FN Practical	FN Practical	FN Practical
b	FN Practical	FN Practical	FN Practical	Product Design: Sustainability	Product Design: Sustainability	Product Design: Sustainability
English Language	Project 1: The unexplained	Project 1: The unexplained	Project 2: The Country and the City	Project 2: The Country and the City	Project 3: Crime and Punishment	Project 3: Crime and Punishment
English Literature	American Voices - The American classic novel	American Voices - The American classic novel	Windrush Literature and Academic Poster	Society & Class Romeo & Juliet	Society & Class Romeo & Juliet	Society & Class Film Study
7/8/9 Lit	They have one Library lesson a fortnight. This gives an opportunity for students to be heard individually reading aloud linked to SMSC & British values. The reading links to their homework.					



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French	Mon Monde À Moi: After-school Activities, Friends & Celebrations.	Projets D’Avenir: Future Plans & Jobs	Ma Vie En Musique: Music, Past Vs Present.	Le Meilleur Des Mondes: Environment, Animals, Diets	Le Monde Francophone: Grammar & Culture	Project, Revision & MFL on Tour
Geography	Fast Fashion A depth study of economic geography, resource management and development.		Cold environments- challenges and changes	Restless world- tectonic hazards VOLCANOES	Coasts	Coastal field work, Including LSD and beach profiling.
History	Causes of WW1	Life in the Trenches	Suffragettes	Holocaust	GCSE: American West	GCSE: American West
Maths	Expanding brackets Factorising algebraic expressions Expressions with several variables Equations with fractions Properties of polygons Interior and exterior angles of regular polygons Tessellations and regular polygons Scatter graphs and correlation Two-way tables Estimation of a mean from grouped data Cumulative frequency diagrams	Exponential growth graphs Using a tangent to a curve Adding and subtracting fractions Multiplying fractions and mixed numbers Dividing fractions and mixed numbers Algebraic fractions Expanding the product of two brackets	Expanding expressions with more than two brackets Factorising quadratic expressions with positive coefficients Factorising quadratic expressions with negative coefficients The difference of two squares Graphs from equations of the form $ay \pm bx = c$ Solving simultaneous equations by drawing graphs Solving quadratic equations by drawing graphs Solving cubic equations by drawing graphs	Speed More compound units Unit costs Introduction of Pythagoras’s Theorem [GCSE book] Using Pythagoras’ theorem to solve problems The converse of Pythagoras’ theorem 3D Pythagoras’ Theorem Using trig ratios to find side length Using trig ratios to find missing angles	Using trig ratios to solve problems Solving bearing problems using Trigonometry Using trigonometry to find the area of a triangle 0.5absinC Special Sequences (square, cubic, Fibonacci) Calculating the nth term of a linear sequence Determine if a number is in a given sequence Generate a sequence from a diagram or a problem Continue, generate and find the nth term of a quadratic sequence Solve problems involving direct and inverse proportion using table method. Express one value as a percentage of another Increase/Decrease an amount by a given percentage	Draw and calculate bearings and back bearings Demonstrate two triangles are congruent using SSS, SAS, SSA, RHS Construct bisectors of lines and angles and construct the angles of 60, 90 and therefore 30 and 45 degrees. Construct a locus from given information. Draw Scale diagrams Construct and interpret plans and elevations of 3D shapes



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					<ul style="list-style-type: none"> -Calculate compound interest. Calculate reverse percentages (working out the original value) Calculate angles in parallel lines Solve problems using angle facts – on a line, around a point, etc. – and use special properties of quadrilaterals. 	
Music	Ensemble skills –performing in small groups Ukelele – playing chords and strumming patterns	Blues – origins and features, chords, improvisation	Music in the 50's, 60's and 70's – performing skills (Keyboards/guitars/ukelele)	Music in the 50's, 60's and 70's – performing skills (Keyboards/guitars/ukelele)	Song writing – chords and composing melodies	Song writing – using Sibelius to annotate songs
PE [lessons per fortnight]	Netball [2 lessons per fortnight]	Volleyball [2 lessons per fortnight]	Basketball [2 lessons per fortnight]	Badminton/ Pickle ball [2 lessons per fortnight]	Athletics / Rounders [3 lessons per fortnight]	Tennis / Cricket [3 lessons per fortnight]
	Aerobic training [1 lesson per fortnight]	Dance [1 lesson per fortnight]	Dance [1 lesson per fortnight]	Circuits [1 lesson per fortnight]		
Physics	Energy: Stores and systems	Using Energy	Electricity 1	Electricity 2	Particles and Matter	Particles and Matter
PRE	Religion human rights and social justice		Judaism		Philosophy and ultimate question	

NOTE: The timings may vary due to the needs of individual students and classes, but it is envisaged that all classes will cover the curriculum above