



# Year 8 Curriculum

Subject	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Science	<b>Biology:</b> Respiration and Breathing <b>Chemistry:</b> Metals and their reactions <b>Physics:</b> Energy	<b>Biology:</b> Chains and Cycles <b>Chemistry:</b> Rock Types and Weathering Conservation of <b>Physics:</b> Space	<b>Biology:</b> Genetics and Evolution <b>Chemistry:</b> Materials and Ceramics <b>Physics:</b> Space	<b>Biology:</b> Plants <b>Chemistry:</b> Reactivity <b>Physics:</b> Movement	<b>Biology:</b> Field Work/Key Concepts <b>Chemistry:</b> States of Matter, separating and purifying <b>Physics:</b> Further Electricity	<b>Biology:</b> Key Concepts <b>Chemistry:</b> Atomic structure and Isotopes <b>Physics:</b> Forces
Mathematics <b>A Set</b>	Number and Number System; Calculating; Understanding Risk 1	Visualising and constructing; Algebraic Proficiency: Tinkering; Pattern Sniffing	Proportional Reasoning; Investigating Angles; Exploring Fractions, Decimals & %	Calculating Fractions, Decimals; Solving equations and inequalities	Calculating Space; Presentation of Data Measuring Data	Algebraic Proficiency: Visualising; Understanding Risk 2
Mathematics <b>B Set</b>	Number and Number System; Exploring fractions decimals percentages; calculating.	Visualising and constructing; Investigating properties of Shapes; Algebraic Proficiency: Tinkering.	Proportional Reasoning; Pattern Sniffing; Investigating Angles; Measuring Space.	Calculating Fractions Decimals & %; Counting and Comparing.	Solving Equations and Inequalities; Calculating Space; Checking approximating and Estimating.	Mathematical Movement; Presentation of Data; Measuring Data.
Mathematics <b>C Set</b>	Number and Number System; Calculating Division.	Checking, Approximating and Estimating; Visualising and Constructing; Investigating properties of Shapes; Algebraic Proficiency; Using Formulae.	Pattern Sniffing; Exploring Fractions and Decimals; Investigating Angles.	Proportional Reasoning; Calculating Fractions, Decimals and percentages.	Calculating Fractions, Decimals and percentages (Continued); Measuring Space; Calculating Space.	Solving Equations and Inequalities; Mathematical Movement; Presentation of Data; Measuring Data.

English	'Of Mice and Men'	Romeo and Juliet	Madness – exploring a variety of poetry	Crime & Punishment –understanding non-fiction texts	Who is Afraid of the Dark? Creative writing skills.
Business Studies	The Marketing Mix	Recruitment and Selection	HRM		
Geography	Investigating China	Investigating Deserts	Coastal Environments	Development.	South America
Religious Studies	What is God Like?	What is Happiness?	Can Religion Change the World?		Should Animals have Rights? Is it Right to Kill?
History	The Tudors	The Stuarts	Slavery	Civil Rights	The Industrial Revolution
Spanish	<b>Mis Vacaciones</b> You will learn how to say where you went on holiday	<b>Todo sobre mi vida</b> You will be able to discuss yourself and hobbies	<b>¡A comer!</b> You will be able to talk about mealtimes	<b>¿Qué hacemos?</b> You will be able to arrange to go out and say what you wear	<b>Operación verano</b> You will be able to ask for directions and describe a world trip
Physical Education:  <b>All PE sessions are practical sessions underpinned by a termly theoretical element.</b>	Theory: Muscular System	Theory: Components of fitness & Training	Theory: Skeletal System	Theory: Health, fitness & well being	Theory: CV & Respiratory  Theory: Sport Psychology
Performing Arts (Dance/Drama/Music)	Haunting	East meets West	Musical Theatre	The Four Seasons	Carnival (Dance/Music) Monologues (Drama)  Just Play/Dance/Act
Design Technology	<p>Through Year 8 student rotate around a carousel of four 9 week design and make project to cover key areas of Design and Technology.</p> <p><b>Developing skills in healthy preparation of food:</b> Students apply aspects of the design process to producing a range of dishes in the process developing their food preparation skills.</p> <p><b>Electronics/Resistant Materials:</b> Students will apply aspects of the design process to designing and making a decorative night light.</p> <p><b>Computer aided design and manufacture (CAD &amp; CAM):</b> Students will apply aspects of the design process to designing and making a novelty key ring torch using CAD and CAM.</p> <p><b>Textiles:</b> Students will be applying aspects of the design process to manufacture a Monster plush.</p>				
Art	Essential Skills: Observational Drawing	Experimental Skills: Exploring the Work of other Artists		Painting/Printing Skills	Essential Skills: Observational Drawing

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