



# Year 9 Curriculum

Subject	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Science	<b>Physics:</b> Motion and Forces <b>Biology:</b> Key Concepts <b>Chemistry:</b> Atomic structure and Isotopes; Periodic Table	<b>Physics:</b> Forces and Conservation of Energy <b>Biology:</b> Mitosis and Growth <b>Chemistry:</b> Ionic Bonding and Covalent Bonding	<b>Physics:</b> Waves <b>Biology:</b> Inheritance & Human Evolution <b>Chemistry:</b> Molecular Compounds, diamond and graphite; Acids, bases and making salts		<b>Physics:</b> Light and EM Spectrum <b>Biology:</b> Health and Disease <b>Chemistry:</b> Acids, bases and making salts	<b>Physics:</b> Radio Activity <b>Biology:</b> Plant Defences <b>Chemistry:</b> Calculations in Chemistry; Quantitative analysis
Mathematics <b>A Set</b>	Calculating; Visualising & Constructing	Algebraic Proficiency; Tinkering; Proportional Reasoning; Numbers & The Number System	Pattern Sniffing; Solving Equations & Inequalities 1	Calculating Space; Conjecturing	Algebraic Proficiency; Visualising; Solving Equations & Inequalities 2	Solving Equations & Inequalities 2; Understanding risk; Presentation of Data
Mathematics <b>B 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>C 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
English	War – What is it good for? Exploring poetry	The Hunger Games		Dystopian Fiction	Freedom: Exploring Non Fiction	GCSE English Language Paper 1 Question 5
Business Studies	Creating a Restaurant	Business Documents	Business Basics	Design a Business Proposal		Pitch a Marketing Proposal
Geography	National Parks	Raging Planets	Exploring the Amazon	The Geography of Conflict	Think! Act!	
Religious Studies	Does Science challenge Religion?		What is the place of Islam in the modern world?	How should we respond to suffering?	What happens when we die?	GCSE Course starts
History	The First World War	The interwar years	The Second World War	Looking at the origins of the Cold War.	Crime and Punishment	

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 & wellbeing	Theory: CV & Respiratory	Theory: Sport Psychology
Performing Arts (Dance/Drama/Music)	Conflict	On the Spot	Musical Theatre	Movies	My Style	Introduction to KS4
Design Technology	<p>Through Year 9 students 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>Resistant Materials:</b> designing and making a range of products which could be used to enhance the appearance of a particular room in the home</p> <p><b>Product Design:</b> Students will apply aspects of the design process to designing and making a casing for a USB memory stick</p> <p><b>Textiles:</b> Students will be applying aspects of the design process to manufacture a Cushion</p>					
Art	Essential Skills: Observational Drawing			Experimental Skills: Exploring the work of various artists		
Spanish	<b>Somos así</b>  You will be able to talk about things you like, film and celebrations	<b>¡oríentate!</b>  You will be able to describe what you have to do at work	<b>En forma</b>  You will be able to talk about your health.	<b>Jóvenes en acción</b>  You will be able to discuss world issues and the environment	Project / Culture Zone	Speaking Skills

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