

Year 9 Curriculum - Breakdown

For subjects such as Art, DT, Computing and Performing Arts, please see their individual pages, due to the nature of their subjects.

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
English	<p>Lit & Lang – The Gothic genre</p> <p>Reading - exploring the work of key writers in this genre and developing an appreciation of its conventions.</p> <p>Formatively assessed analysis of how particular effects are created.</p> <p>Writing - producing extracts from a Gothic story, developing use of vocabulary, structure and grammar for effect.</p> <p>GCSE Link: Language Paper 1 and Literature 19th Century texts</p>	<p>Literature – Modern Drama</p> <p><i>“Our Day Out” or “The Crucible”</i></p> <p>Developing understanding of context and how this influences writers.</p> <p>Study of a whole drama text, developing skills or retrieval, inference and analysis.</p> <p>Preparing for closed book questions on extract and whole play, including learning quotations.</p> <p>GCSE Link: Literature Paper 2 Modern Drama</p>	<p>Literature – War Poetry</p> <p>Reading - studying the response of different poets to the events of the First World War. Developing understanding of poetic form and techniques.</p> <p>Assessed Comparison of two war poems.</p> <p>Writing - formatively assessed creative writing using poetry as a stimulus.</p> <p>GCSE Link: Literature Paper 2 Poetry</p>	<p>Literature – Romeo & Juliet</p> <p>Reading - studying a full Shakespeare text, focusing on particular themes and issues. Relating the text to its historical and cultural context.</p> <p>Preparing for closed book questions on extract and whole play, including learning quotations.</p> <p>GCSE Link: Literature Paper 1 Shakespeare</p>	<p>Literature – Make your Voice Heard (Speaking & Listening)</p> <p>Writing - developing the skills needed to plan and present a viewpoint in non-fiction writing.</p> <p>Speaking and Listening - preparing and delivering a formal presentation on a topic of students’ own choosing.</p> <p>This is assessed for the GCSE S&L endorsement reported in Y11, but not part of GCSE grade.</p>	<p>Language – Justice & Equality</p> <p>Reading - Exploring a range of fiction and non-fiction texts around the theme of Justice & Equality, incorporating writers from a range of nationalities, genders and eras.</p>
Maths	<p>Mastering</p> <p>1a - Product Rule for counting (1) 1a - Multiply and divide by 0 to 1 (1) 1b - recap index laws, fractional and negative powers (5) 1c - Recap LCM, HCF, Venn (2) 2a - Algebra Basics - recap to ensure fluency (8) 2b - Equations (9)</p> <p>1a - Calculations, Checking and Rounding (10) 1b - Index Laws (7) 1c - Recap HCF, LCM, Venns (3) 1d - Standard Form and Surds (6)</p> <p>Securing</p> <p>1a - Integers & Place Value (8) 1b - Decimals (6) 1c - Indices (6) 1d - Factors, Multiples, Primes (6)</p> <p>1a - Integers and Place Value (6) 1b - Decimals (6) 1c - Indices (8) 1d - Factors, Multiples and Primes (6)</p>	<p>Mastering</p> <p>1d - Standard form calculations, Simplifying Surds (5) 2c - Sequences (5) 3a - Averages and Range (4) 3b - Representing and Interpreting Data (8) 3c - Scatter Graphs (2)</p> <p>2a - Algebra Basics (13) - KEY Topic 2b - Equations (9)</p> <p>Securing</p> <p>2a - Algebra Basics (6) 2b - Expanding and Factorising (6) 2c - Expressions and Substitution (8) 3a - Tables (4)"</p> <p>2a - Algebra Basics (9) 2b - Expanding and Factorising (7) 2c - Expressions and Substitution (8)</p>	<p>Mastering</p> <p>4a - Fractions (5) 4b - Percentages (5) 4c - Ration and Proportion (6) 5a - Polygons, Angles & Parallel Lines (3)</p> <p>2c - Sequences (4) - focus on understanding of linear. Quadratics are a bonus. 3a - Averages and Range (6) 3b - Representing and Interpreting Data (9)</p> <p>Securing</p> <p>3a - Tables (3) 3b - Charts and Graphs (6) 3c - Pie Charts (4) 3d - Scatter Graphs (4) 4a - Fractions (4) - KEY topic</p> <p>3a - Tables (8) 3b - Charts and Graphs - ignore histograms (8)</p>	<p>Mastering</p> <p>5b - Pythagoras and Trigonometry (8) 6a - Graphs: the Basics and Real Life Graphs (6) 6b - Linear Graphs and Coordinate Geometry (5)</p> <p>3c - Scatter Graphs (4) 4a - Fractions (10) - KEY topic 4b - Percentages (4)</p> <p>Securing</p> <p>4a - Fractions (6) - KEY topic 4b - Fractions, Decimals and Percentages (4) 4c - Percentages (7) 5a - Equations (4)"</p> <p>3c - Pie Charts (4) 4a - Fractions (5) - KEY topic 4b - Fractions, Decimals and Percentages (5) 4c - Percentages (4)</p>	<p>Mastering</p> <p>6b - Linear Graphs and Coordinate Geometry (6) 6c - Quadratic, Cubic and Other Graphs (8)</p> <p>4b - Percentages (4) 4c - Ratio and Proportion (9) 5a - Polygons, Angles & Parallel Lines (7)</p> <p>Securing</p> <p>5b - Inequalities (4) 5c - Sequences (7) 6a - Properties of Shapes, Parallel Lines, Angle Facts (6) - KEY topic"</p> <p>4c - Percentages (4) - ignore multipliers and decimal part 5a - Equations (8) - focus on setting up and solving equations 5b - Inequalities (4)</p>	<p>Mastering</p> <p>7a - Perimeter, area and circles (5) 7b - 3D Forms and Volume (8) 7c - Accuracy and Bounds (5) 8a - Transformations (6)</p> <p>5b - Pythagoras and Trigonometry (9), 6a - Graphs: the basics and Real-Life (8)</p> <p>Securing</p> <p>6a - Properties of Shapes, Parallel Lines, Angle Facts (6) - KEY topic 7a - Statistics and Sampling (4) 7b- the averages (6)</p> <p>5c - Sequences (7) - ignore quadratics 6a-Properties of shapes, parallel lines and angle facts (10) 6b-Interior and Exterior angles of polygons (6)</p>

Science	<p>Practical skills Learners will cover a range of practical skills that reinforce and enhance those covered in Year 7</p> <p>Biology: Forensic biology Students will learn how plant lifecycles, entomology and learned behaviour all contribute to the scientific understanding that allows crimes to be solved. Learners will also look at fingerprinting, DNA typing and other techniques that are used.</p> <p>Chemistry: Earth chemistry Students will look at the different types of rocks that make up the earth and how these rocks are converted during the rock cycle. Students will also look at how the atmosphere and how it can be affected by the actions of humans</p> <p>Physics: Applied physics Students will look at pressure and hydraulics and apply physics to real life situations. Learners will also have the opportunity to use a range of mathematical skills in these contexts.</p>		<p>Biology: Cells All living organisms have similarities in cellular structure, biochemistry and function. Light and electron microscopes, the structure of prokaryotic and eukaryotic cells, and the functions of organelles. The structure and mode of enzyme Effect of pH on enzymes in a core practical. Transport across cell membrane:: diffusion, active transport and osmosis. In a core practical, learners investigate the effect of water potential on osmosis. ----- Chemistry: States of Matter Methods of separating and purifying substances. Students will learn how to use information to predict the state of a substance. Students will learn how to identify substances using melting points and Chromatography. Students will learn how to choose a method based on the properties of the substances in a mixture. Practical Investigating inks Physics: Waves Work covered in Year 8 is extended and students learn about wave characteristics and how waves transfer both energy and information. They Use ray diagrams to explain reflection, refraction and Total internal reflection. This unit incorporates a compulsory core practical: investigating wave speed using a ripple tank Electromagnetic spectrum Students learn about the waves on the electromagnetic spectrum in detail including its uses and harmful effects. They also have to understand some common properties of E-M waves. This unit incorporates compulsory a core practical investigating refraction of light through a glass block</p>		<p>Biology: Cells and control. Learners start by studying the stages of mitosis and then link mitosis to growth in animals and plants. The role of stem cells in plants and animals is also discussed. The design and function of the nervous system is covered later in this topic. Design and functions of the eye and brain. Medical issues are discussed. ----- Chemistry: Atomic Structure. Students will learn how our ideas about atoms have changed. Students will learn about isotopes and how to calculate relative atomic mass of an element. Periodic Table Students will learn how Mendeleev arranged the elements in a periodic table. Students will learn how elements are arranged in the modern periodic table. Students will learn how to use the periodic table to predict and model the arrangement of electrons in atoms Physics: Motion In this unit students are introduced to fundamental physics quantities which are divided into two groups: scalars and vectors, depending on the necessity of direction to the quantities. Students will find out how to measure distance, displacement and time, and use these to calculate speed, velocity and accelerations. Students conclude this topic by learning how to represent changes in distance moved and speeds on graphs. Motion and Forces Newton's laws of motion. Students will learn how to apply these laws to real life scenarios, such as vehicle stopping distances. This unit incorporates a core practical on Newton's Second Law of Motion, rate of change of momentum which leads to $F=ma$.</p>	
	RS	Christianity Beliefs and Teachings		Peace and Conflict		Christian Practices
History	Women's Suffrage World War 1	Britain Between the wars Treaty of Versailles Hitler's Germany	Causes of the 2 nd World War World War 2 The Holocaust	The Cold War (including the crisis in the Congo)	Post War Society	Into the 21 st Century
Geography	Fieldwork Enquiry Topic introduction Thinking Geographically: Exploring the UK Different types of data Writing a methodology How do we present Geographical data Using GIS Photo overlays and field sketches Water infiltration study Data presentation Analysis and conclusion Evaluation	Geography of my stuff Globalisation Food miles Fashion 4 sectors of the economy	Equator Cell model TRF Sustainable Tourism Place knowledge (Africa and Asia examples)	Water World Rivers Glaciers Water supply Water conflict Oceans Examples China, India, Middle East	Geography of Health Covid 19 Population Mapwork GIS Russia	Factfulness Misconceptions Data Critical thinking Places of interest: Afghanistan Somalia Hong Kong Israel and Palestine, Syria DRC, Myanmar, Korea DMZ,

French	Jobs and Future Study (S3.M3)		Heathy Eating and Healthy Lifestyles (S3.M2)		Special Holidays (S3.M4)	
	Describing Jobs Learning Languages Saying what you used to do when little Discussing Future dreams and Goals Job Aspirations		Parts of the body Sport Healthy Eating Fitness and Lifestyle Choices Health Issues		Asking Questions (Inversions) Adventure Holidays Who you go with and why Tourist Attractions Describing a holiday experience	
<u>Core Grammar Principles</u> - Modal Verbs - Imperfect tense - Combining Imperfect and Future tenses		<u>Core Grammar Principles</u> - Il faut - Simple Future - Combination of three future tenses - Definitive Article		<u>Core Grammar Principles</u> - Asking Questions - Conditional tense - Reflexive verbs - Combinig past tenses		
PE	Boys -Improving Health and Fitness through sampling a variety of training methods and Invasion games skills through sports such as Hockey,	Invasion games skills through sports such as Hockey, Rugby and Basketball.	Boys - Invasion games skills through sports such as Rugby and Net/Wall Games skills through Badminton	Girls – Performance activities skills through Trampolining and Improvement against personal best achievements through Athletics	Improvement against personal best achievements through Athletics	Improvement against personal best achievements through Athletics
	Girls - Net/wall and strike/field Game skills through Badminton and Rounders.	Improving Health and Fitness through sampling a variety of training methods	Girls – Invasion games skills through Football and development of Sports Leadership skills.	Boys – Net/Wall Games skills through Tennis and development of Sports Leadership skills.	Boys – Strike and Fielding games skills through Rounders	Boys – Strike and Fielding games skills through Cricket
					Girls – Net/wall and invasion team game skills through Rounders, Rugby and Basketball	

