



## Curriculum Overview – Y9

Subject	Term 1	Term 2	Term 3
Maths	<ul style="list-style-type: none"> <li>• Calculations (Number)</li> <li>• Adding and subtracting</li> <li>• Multiplying and dividing</li> <li>• Expressions (Algebra)</li> <li>• Simplifying expressions</li> <li>• Expanding and factorising</li> <li>• Indices</li> <li>• Angles and polygons (Geometry)</li> <li>• Congruence and similarity</li> <li>• Triangles and quadrilaterals</li> </ul>	<ul style="list-style-type: none"> <li>• Handling data 1(Statistics)</li> <li>• Sampling</li> <li>• Averages and spread</li> <li>• Representing data</li> <li>• Fractions, decimals and percentages</li> <li>• Fractions percentages</li> <li>• Calculations with fractions</li> <li>• Lifeskills 1</li> </ul>	<ul style="list-style-type: none"> <li>• Formulae and functions (Algebra)</li> <li>• Functions</li> <li>• Formulae</li> <li>• Working in 2D (Geometry)</li> <li>• Transformation</li> <li>• Area of 2D</li> <li>• Measuring length and angles</li> <li>• Probability (Probability)</li> <li>• Theoretical probability</li> <li>• Probability experiments</li> </ul>
English	<ul style="list-style-type: none"> <li>• Pre-1914 short stories</li> <li>• Assessment will be: Reading and writing</li> <li>• A Christmas Carol Taster</li> <li>• Fous on PEE paragraphs using the scheme</li> </ul>	<ul style="list-style-type: none"> <li>• Getting Year 9 Ready for GCSE - Foundation Term on Language Skills for AQA GCSE paper 2</li> <li>• Romeo and Juliet</li> <li>• Essay writing on key extracts</li> </ul>	<ul style="list-style-type: none"> <li>• 9-1 AQA Language Paper 2 - Non fiction - SOW Year 9 Transition</li> <li>• Conflict Poetry Taster (cover first 6 poems Teach essay writing skills) 3 weeks</li> <li>• Narrative Writing Prep for AQA paper 1 Section B (4 weeks)</li> </ul>
Science	<ul style="list-style-type: none"> <li>• Key concepts in Biology</li> <li>• Cells and Control</li> <li>• Genetics</li> <li>• Natural Selection and Genetic Modification</li> <li>• Health and Disease and the development of medicines</li> </ul>	<ul style="list-style-type: none"> <li>• Atomic structure</li> <li>• Periodic table</li> <li>• Ionic bonding</li>   <li>• CREST Silver Award</li> </ul>	<ul style="list-style-type: none"> <li>• Covalent bonding</li> <li>• Types of substances</li> <li>• Calculations involving masses</li> </ul> <p>Topics may be covered over the course of the year. Students rotate to different teachers, depending on the teacher's specialism</p>
MFL	<ul style="list-style-type: none"> <li>• Identity and culture</li> <li>• Local, national, international and global areas of interest</li> </ul>	<ul style="list-style-type: none"> <li>• Current and future study and employment</li> <li>• Identity and culture</li> </ul>	<ul style="list-style-type: none"> <li>• Identity and culture</li> </ul>
Geography	<ul style="list-style-type: none"> <li>• Resources and Globalisation</li> <li>• Supply and demand</li> <li>• Problems</li> <li>• Human and Physical impacts</li> <li>• Nuclear vs. Renewable</li> </ul>	<ul style="list-style-type: none"> <li>• Development and Resources – Africa, the Middle East, Russia and Antarctica</li> <li>• Causes of underdevelopment and development</li> <li>• Solutions</li> </ul>	<ul style="list-style-type: none"> <li>• Coasts</li> <li>• Erosion</li> <li>• Landforms</li> <li>• Climate change</li> </ul>

History	<ul style="list-style-type: none"> <li>• Causes of World War</li> <li>• World War – Trench Warfare</li> <li>• The Battle of the Somme</li> </ul>	<ul style="list-style-type: none"> <li>• Impact of the end of World War 1 in Europe</li> <li>• Rise of Nazi Germany - Holocaust</li> </ul>	<ul style="list-style-type: none"> <li>• 20th Century Britain</li> <li>• Suffragettes</li> <li>• Second World War</li> </ul>
RE and Citizenship	<ul style="list-style-type: none"> <li>• RE - Peace and Conflict – Christianity and Islam</li> </ul>	<ul style="list-style-type: none"> <li>• Citizenship - Prejudice and Discrimination</li> <li>• RE - Matters of Life and Death</li> </ul>	<ul style="list-style-type: none"> <li>• RE - Introduction to Islam</li> <li>• Citizenship - Charity</li> </ul>
Design Technology – Food	<ul style="list-style-type: none"> <li>• Designing for others: Planning and preparing recipes to meet a specification</li> </ul>		
Design Technology – Resistant Materials	<ul style="list-style-type: none"> <li>• Working in Plastic : Designing an Acrylic Clock</li> <li>• 3D rendered Drawings using Computer Aided Design</li> <li>• Environmental and social impact of manufactured products</li> </ul>		
Design Technology - Textiles	<ul style="list-style-type: none"> <li>• Japanese design / cushions, transfer printing, Batik, Machine sewing</li> </ul>		
PE	<ul style="list-style-type: none"> <li>• Fitness</li> <li>• Football</li> <li>• Basketball</li> <li>• Trampolining</li> <li>• Table tennis</li> </ul>	<ul style="list-style-type: none"> <li>• Dance</li> <li>• Badminton</li> <li>• Gymnastics</li> <li>• Athletics</li> <li>• Handball</li> </ul>	<ul style="list-style-type: none"> <li>• Athletics</li> <li>• Striking games (cricket, rounders, softball)</li> </ul>
Computing	<ul style="list-style-type: none"> <li>• Textual Programming</li> <li>• Flow control (sequence, selection, iteration)</li> <li>• Variables</li> <li>• Data types</li> <li>• Input/output</li> <li>• Procedures and functions</li> <li>• Random numbers</li> <li>• Lists</li> <li>• Hardware and Software</li> <li>• What is a computer</li> <li>• Input and Output devices</li> <li>• Storage devices</li> <li>• Operating systems</li> </ul>	<ul style="list-style-type: none"> <li>• Game development</li> <li>• Decomposing games</li> <li>• Sprites and collision detection</li> <li>• Variables</li> <li>• Game logic</li> <li>• Game AI</li> <li>• Networks and the Internet</li> <li>• Computer networks</li> <li>• Packet switching and the Internet</li> <li>• Roles of network hardware</li> <li>• The world wide web</li> <li>• HTML/CSS</li> <li>• Website creation</li> </ul>	<ul style="list-style-type: none"> <li>• Databases</li> <li>• What is a database?</li> <li>• Creating a database</li> <li>• Forms</li> <li>• Queries and Reports</li> <li>• Society and databases</li> <li>• Skills for KS4</li> <li>• Report writing</li> <li>• Formatting effectively</li> <li>• Referencing and plagiarism</li> <li>• Copyright &amp; intellectual property</li> </ul>

	<ul style="list-style-type: none"> <li>• Applications and Utilities</li> </ul>		
Art	<ul style="list-style-type: none"> <li>• Gridding</li> <li>• Researching the work of Chuck Close</li> <li>• Gridding techniques</li> <li>• Shading and Blending techniques</li> <li>• Mark making</li> <li>• Tonal value</li> </ul>	<ul style="list-style-type: none"> <li>• Comic Book Art</li> <li>• Drawing the figure – The skeletal and muscular system.</li> <li>• Proportions of the face (recap), Perspective (recap).</li> <li>• Use of image and text in a narrative.</li> <li>• Colouring and inking techniques.</li> </ul>	<ul style="list-style-type: none"> <li>• Tessellation</li> <li>• Shapes and patterns</li> <li>• Contact printing</li> <li>• The work of M.C. Escher</li> <li>• Manipulating tessellating shapes</li> </ul>
Drama	<ul style="list-style-type: none"> <li>• Departure</li> <li>• Explorative strategies</li> <li>• Devising</li> <li>• Spontaneous Improvisation</li> <li>• Bang Bang</li> <li>• Abstract Performance</li> <li>• Script based</li> <li>• Suspense</li> <li>• Artaud</li> </ul>	<ul style="list-style-type: none"> <li>• Practitioners</li> <li>• Brecht</li> <li>• Epic Theatre</li> <li>• Stanislavski</li> <li>• Realism</li> <li>• Rehearsal Technique</li> <li>• Audience Perception</li> <li>• Absurd Theatre</li> <li>• Pinter</li> <li>• Becket</li> <li>• Style</li> <li>• Subtext</li> <li>• Pace</li> </ul>	<ul style="list-style-type: none"> <li>• DNA</li> <li>• Characterisation</li> <li>• Script based</li> <li>• Rehearsal techniques</li> <li>• Ensemble performance</li> <li>• The Curious Incident of the Dog in the Night time</li> <li>• Script based</li> <li>• Ensemble Performance</li> <li>• Rehearsal Techniques</li> <li>• Character exploration</li> </ul>
Music	<ul style="list-style-type: none"> <li>• Pop/Hip Hop</li> </ul>	<ul style="list-style-type: none"> <li>• Salsa/Dance Remix</li> </ul>	<ul style="list-style-type: none"> <li>• Classical Ballads</li> <li>• Music for the media: Film/Video Games</li> </ul>