

Year 8	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
English	<p>Non Fiction: Writer's Voice What is your voice?</p> <p>Dangerous Environments</p> <p>Language Paper 2</p> <ul style="list-style-type: none"> Geography – Natural Disasters 	<p>Modern Play Can war ever be just?</p> <p>'War Horse'</p> <p>Literature Paper 2</p> <ul style="list-style-type: none"> History – WW1 	<p>Poetry Qui suis – je?</p> <p>Poems from different cultures and traditions</p> <p>Literature Paper 2</p> <ul style="list-style-type: none"> Music – different Cultures Art – Personal Identify E&P – Hinduism/ Islam Dance – Indian French – cultural research 	<p>Non-fiction: Travel How bit is the world?</p> <p>Inform and advise</p> <p>Language Paper 2</p> <ul style="list-style-type: none"> Geography – Travel & Tourism French - Holidays 	<p>Novel What makes us different?</p> <p>'Of Mice & Men'</p> <p>Literature Paper 2</p> <ul style="list-style-type: none"> History – Great Depression: 'Boom, Bust and Recovery' 	<p>Gothic Who is the monster in you?</p> <p>'Frankenstein' Short stories/excerpts/plays</p> <p>Literature Paper 1</p> <ul style="list-style-type: none"> Music – Gothic Music
Maths	<p>Growth and landscape design</p> <ul style="list-style-type: none"> Number Lines and angles 	<p>Representing Real life</p> <ul style="list-style-type: none"> Expressions and equations Real life graphs 	<p>Moving House</p> <ul style="list-style-type: none"> Area and volume Decimals and ration 	<p>Numerical relationships</p> <ul style="list-style-type: none"> Calculations with fractions Straight line graphs 	<p>The Economy</p> <ul style="list-style-type: none"> Statistics, graphs and charts Percentages, decimals and fractions 	<p>Bridging the gap</p> <ul style="list-style-type: none"> Introduction to abstract GCSE topics Compound units and inequalities

Science	Biology – Topic 1	Biology – Topic 2	Biology – Topic 3 Part 1
	Health and Lifestyle	Ecosystem Processes	Adaptation and Inheritance
	<ul style="list-style-type: none"> Describe the components of a healthy diet Describe food tests Calculate the energy requirements of different people Describe function of the main parts of the digestive system Describe the role of enzymes and bacteria in digestion Describe the effects of drugs on health and behaviour Describe the effect alcohol has on conception and pregnancy Describe the effects of tobacco in pregnancy <p>Curriculum links:</p> <ul style="list-style-type: none"> Maths – interpreting graphical data Maths – Simple calculations English – comprehend information 	<ul style="list-style-type: none"> State the word equation for photosynthesis Describe functions of components of a leaf Explain the role of nitrates in plant growth Describe the process of chemosynthesis Describe the process of respiration Describe the two types of respiration Describe what food chains and webs show Describe toxicity accumulate Identify niches within an ecosystem <p>Curriculum links:</p> <ul style="list-style-type: none"> Maths – interpreting graphical data 	<ul style="list-style-type: none"> Describe adaptations Describe how competition results in adaptation Describe how variation occurs. Represent variation graphically Describe how characteristics are inherited Describe evolution Interpret evidence for extinction of the dinosaurs <p>Curriculum links:</p> <ul style="list-style-type: none"> Maths – Interpreting graphical data Maths – Classifying data
	Chemistry – Topic 1	Chemistry – Topic 2	Chemistry – Topic 3
Metals and Non Metals	Mixtures and Separation	Metals	
<ul style="list-style-type: none"> Use properties to classify metals and non metals Use numerical trends to predict missing values Record observations of reactions Describe displacement reactions Predict properties elements 	<ul style="list-style-type: none"> Describe particle arrangements in mixtures Describe solutions using key words Explain solubility Describe hot to filter a mixture Explain how distillation works Explain how chromatography works <p>Curriculum links:</p>	<ul style="list-style-type: none"> Explain the test for hydrogen gas Use state symbols in balanced formula equations Use the reactivity series to predict reactions Use the reactivity series to explain displacement reactions Calculate the amounts of metals in ores Explain ceramic properties Describe polymer properties 	

		<ul style="list-style-type: none"> • Maths – shells and electron numbers • Balancing equations 	<ul style="list-style-type: none"> • Describe composite properties <p>Curriculum links:</p> <ul style="list-style-type: none"> • Maths – balancing equations
			<p style="text-align: center;">Chemistry – Topic 4</p> <p>Earth Science</p> <ul style="list-style-type: none"> • Describe the composition of the atmosphere • Explain how sedimentary rocks form • Explain how igneous and metamorphic rocks form • Explain how the material in rocks is recycled • Identify reservoirs of carbon in the cycle • Explain impacts of global warming • Form an argument for recycling <p>Curriculum links:</p> <ul style="list-style-type: none"> • Maths – interpreting data • Graphical interpretations • English – Explaining cause and effect
	Physics – Topic 1 Electricity and Magnetism	Physics – Topic 2 Energy	Physics – Topic 3 Light
	<ul style="list-style-type: none"> • Describe how charges interact • Describe what is meant by current • Use appropriate equipment to measure potential difference • Identify the pattern measured in series and parallel circuits • Identify independent and dependent variables • Draw field lines round a magnet in detail 	<ul style="list-style-type: none"> • Compare the energy values • Describe energy before and after a change • Explain what is meant by equilibrium • Describe how an insulator reduces energy transfer • Describe sources of infrared radiation • Describe how electricity is generated in a power station 	<ul style="list-style-type: none"> • Describe relative motion • Interpret distance – time graphs • Interpret observations of atmospheric pressure • Explain why some things float or sink • Apply ideas of pressure to different situations • Calculate the moment of a force <p>Curriculum links:</p> <ul style="list-style-type: none"> • Maths – tables and graphs

	<ul style="list-style-type: none"> Predict and test the effect of changes to an electromagnet Describe how a simple motor works <p>Curriculum links:</p> <ul style="list-style-type: none"> Maths – tables and graphs English – plan an investigation 	<ul style="list-style-type: none"> Explain the difference between energy and power Calculate work don <p>Curriculum links:</p> <ul style="list-style-type: none"> Maths – tables and graphs English – plan an investigation 	<ul style="list-style-type: none"> English – plan an investigation 			
Art	In art, we work on a rotation system, so students might undertake the work in a different order.					
	<p>Self Portraiture observational and digital portraiture, exploring tone and proportions.</p>	<p>Portrait Image manipulation in response to artists from a range of cultures and geographic locations, including printing.</p>	<p>Portrait Independent project outcomes, exploring collage, mixed media and painting techniques.</p>	<p>Zoomorphic pots Exploration of animals as a subject for Artwork, focused on Picasso's artist method and other contemporary 3D artists.</p>	<p>Zoomorphic pots Exploring a series of ceramic techniques and how to capture the essence of an animal.</p>	<p>Zoomorphic pots Exploring large scale artwork in 3D.</p>
Computing	<p>Introduction to flowcharts</p> <ul style="list-style-type: none"> Use decisions in flowcharts Apply flowcharts to more complex situations 	<p>Understanding what components make a computer</p> <ul style="list-style-type: none"> Understand the function of the main components of a computer Construct a report including contents and cover pages 	<p>Event driven programming</p> <ul style="list-style-type: none"> Establish the needs of a user Define SMART success criteria Implement an App to meet the needs of a user Decompose a problem 	<p>Ethical decisions in IT</p> <ul style="list-style-type: none"> Debate both sides of an ethical problem in IT Present ideas effectively Find appropriate sources for information 	<p>How computers store numbers and text</p> <ul style="list-style-type: none"> Decrypt messages when given a cipher Convert numbers to/from binary Convert text t/from ASCII values 	<p>Programming with Python Turtle</p> <ul style="list-style-type: none"> Understand the need for comments in code Decompose a problem to understand how to construct a shape Use iteration to simplify code Use variables in code

D&T	Please note: In D&T we work in a rotation, so the order of projects might be different to what is listed					
	Tree House design – Creating ideas in response to a design specification. Exploring the work of other designers, health and safety and construction. The topic will also provide a clear opportunity to learn about 2 point perspective drawing					
	Exploring resistant materials: Keyring design and manufacture using acrylic: Exploring the properties of plastics and experimenting with construction techniques, with a focus on safe working.	Resistant materials: Clock design and construction - Exploring design movements, developing ideas, modelling and testing to produce quality outcomes.	Introduction to nutrition and diet Including diet through life and healthy eating choices	Practical exploration of cooking methods Including frying, boiling, baking, grilling and saute.	Planning for the construction of a viable textiles product for market. Exploring: working a brief, research and development.	Sewing & making: A design challenge with a focus on machine skills and decorative techniques.
Drama	Voice & Melodrama Vocal skills, Characterisation. Physical control, Style of performance.	Voice & Melodrama Vocal skills, Characterisation. Physical control, Style of performance	Physical Theatre Physical control, Ensemble, Movement.	Physical Theatre Physical control, Ensemble, Movement.	Mask Physical control, Mime skills, Characterisation.	Stage Combat Physical control, Movement, Timing, Angles.
E & P	British Values <ul style="list-style-type: none"> • Democracy • The Rule of Law • Individual Liberty • Tolerance • Mutual Respect 	Religion in the Armed Forces <ul style="list-style-type: none"> • Chaplains in the Army • Chaplains in the Navy 	Places of Worship <ul style="list-style-type: none"> • Vihara – Buddhism • Mosque – Islam • Gurdwara – Sikhism 	Christian Beliefs <ul style="list-style-type: none"> • Believing and Doubting • Holy Trinity 	Sikhism <ul style="list-style-type: none"> • Guru Nanak • Guru Granth Sahib • Golden Temple • Formation of the Khalsa 	Buddhism <ul style="list-style-type: none"> • The Birth of the Buddha • The Four Signs • The Enlightenment • Buddhist Parables • Buddhist Teachings

		<ul style="list-style-type: none"> • Role models in the RAF • Remembrance and Armistice • Case studies 	<ul style="list-style-type: none"> • Manadir – Hinduism • Pilgrimage destinations 	<ul style="list-style-type: none"> • Faith in Action – The story of Nicky Cruz 	<ul style="list-style-type: none"> • The 5Ks of Sikhism 	<ul style="list-style-type: none"> • Buddhist Meditation
Geography	Weather & climate <ul style="list-style-type: none"> • Air pressure • Tropical storms • UK weather hazards • Case study of wildfire 	Geographical landscapes <ul style="list-style-type: none"> • Weathering processes • Coastal landforms • River landforms • Geology • Limestone features 	Climate change <ul style="list-style-type: none"> • Quaternary period • Greenhouse effect • Natural climate changes • Impact at 3 scales • Management 	Rio de Janeiro <ul style="list-style-type: none"> • Location • Rural to urban migration • Challenges • Solutions • Life in the favela 	Fieldwork <ul style="list-style-type: none"> • Geographical enquiry • Sampling • Data presentation • Data analysis • Health and safety 	Geographical issues <ul style="list-style-type: none"> • Current issues and evaluation
History	Cromwell and the English Civil War Skill: historical interpretations <ul style="list-style-type: none"> • Causes of the English Civil War • Battles of English Civil War • New Model Army • Execution of Charles I • Cromwell and the Levellers • Cromwell in Ireland 	The Glorious Revolution Skill: historical importance, change and continuity <ul style="list-style-type: none"> • Restoration • Great plague • Great Fire of London • Glorious Revolution • Battle of Culloden, 1746 	The origins of the British Empire Skill: period study skills (consequences, narrative account) <ul style="list-style-type: none"> • Discovery of the New World • Building an Empire • America & the Pilgrims • American War of Independence • Wars of the Empire • India, Jewel in the Crown 	Britain and the slave trade Skills: depth study skills (key features, causation) <p>Triangular trade</p> <ul style="list-style-type: none"> • The middle passage • Buying/selling slaves • Life on a plantation • Slave rebellions • Abolition of slavery • Life after slavery 	Industrial Revolution in Britain Skills: thematic study skills (similarity and difference, continuity and change) <ul style="list-style-type: none"> • Population explosion • Factories and towns • Transport • Inventions • Hygiene • Life expectancy • Justice <p>Local History: Reading and the Industrial Revolution</p>	Votes for women Skills: source inference and utility skills <ul style="list-style-type: none"> • Why did women need the vote • Who were the Suffragettes • Violent methods of the Suffragettes • Government opposition • Emily Davison mystery • Women and WW1 •

	<ul style="list-style-type: none"> • Cromwell the modern man • The man who hated Christmas 					
MFL	<p>Sport and leisure GCSE Theme 1</p> <ul style="list-style-type: none"> • Understanding the concept of tense • Understanding the importance of time markers <p>Curriculum links:</p> <ul style="list-style-type: none"> • PE – team and individual sports 	<p>Entertainment GCSE Theme 1</p> <ul style="list-style-type: none"> • Connectives for reasons <p>Curriculum links:</p> <ul style="list-style-type: none"> • English/Music - genres 	<p>Food GCSE Theme 1</p> <ul style="list-style-type: none"> • Revising concept of masculine, feminine, plurals • Reinforcing pronunciation rules <p>Curriculum links:</p> <ul style="list-style-type: none"> • Food tech – following a recipe • English – structuring a paragraph 	<p>Shopping GCSE Themes 1</p> <ul style="list-style-type: none"> • Understanding currency – euros <p>Curriculum links:</p> <ul style="list-style-type: none"> • Maths – quantities and percentages, calculating exchange rates 	<p>Holidays GCSE Theme 2</p> <ul style="list-style-type: none"> • Using an atlas to locate different countries <p>Curriculum links:</p> <ul style="list-style-type: none"> • Geography – location of countries 	<p>Paris GCSE Theme 2</p> <ul style="list-style-type: none"> • Know the names of Parisian monuments <p>Curriculum links:</p> <ul style="list-style-type: none"> • Cultural – art, travel
Music	<p>Mozart – students will learn how to ...</p> <ul style="list-style-type: none"> • Use the Alberti Bass as a form of accompaniment with a melody of their own creation • Answer questions on Mozart, his life and works and the culture of the era. 	<p>Reggae – students will learn how to ...</p> <ul style="list-style-type: none"> • Play Reggae music on keyboards and guitars, demonstrating an understanding of how to use syncopation; • Explain the history of Reggae and learn about Bob Marley; 	<p>Variations – students will learn how to ...</p> <ul style="list-style-type: none"> • Play Ode to Joy and create variations of the piece; • Describe how music has been changed to create a variation using correct musical vocabulary; • Identify key features in history 	<p>Oriental Music – students will learn how to</p> <ul style="list-style-type: none"> • Use the pentatonic scale to compose a piece of music for Chinese New Year; • Demonstrate an understanding of Chinese history and culture; • Describe music heard using correct 	<p>Holst – students will learn how to</p> <ul style="list-style-type: none"> • Play a piece from the Planet Suite and compose a piece of music to represent the planet Pluto; • Write extended answers on music heard using correct musical vocabulary; • Extend technique skills to include harmony in their work 	<p>Pop music – students will learn how to</p> <ul style="list-style-type: none"> • Use Soundtrap to create a pop music track; • Demonstrate clear structure in composition; • Use different elements and loops to make their track more interesting. <p>Links to GCSE Music</p>

	<ul style="list-style-type: none"> Identify key features in classical music in listening work 	<ul style="list-style-type: none"> Identify key devices and features of Reggae music 	<p>where Beethoven's music was used</p> <p>Links to GCSE Music</p>	<p>musical vocabulary.</p>		
PE (outdoor)	Netball	Netball	Football Rugby	Football Rugby	Athletics Cricket Rounders Tennis	Athletics Cricket Rounders Tennis
PE (indoor)	Covered on a rotation * for terms 1, 2, 3 and 4					
	Badminton * Basketball * Fitness* Gymnastics * Trampolining *	Badminton * Basketball * Fitness * Gymnastics * Trampolining *	Badminton * Basketball * Fitness * Gymnastics* Trampolining *	Badminton * Basketball * Fitness * Gymnastics * Trampolining *	Athletics	Athletics
RSHE	<p>Health and wellbeing</p> <p>Drugs and alcohol Alcohol and drug misues and pressures relating to drug use.</p>	<p>Living in the wider world</p> <p>Community and careers Equality of opportunity in careers and life choices, and different types and patterns or work.</p>	<p>Relationships</p> <p>Discrimination Discrimination in all its forms, including; racism, religious discrimination, disability, discrimination, sexism, homophobia, biphobia and transphobia.</p>	<p>Health and wellbeing</p> <p>Emotional wellbeing Mental health and emotional wellbeing, including body image and coping strategies.</p>	<p>Relationships</p> <p>Identity and relationships Gender identity, sexual orientation, consent, 'sexting', and an introduction to contraception.</p>	<p>Living in the wider world</p> <p>Digital literacy Online safety, digital literacy, media reliability and gambling hooks.</p>