

	Autumn Term 1	Autumn Term 1	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
<b>ACADEMIC</b>						
<b>Art</b>	Advanced Programme: Humanity and Nature	Advanced Programme: Humanity and Nature	Advanced Programme: Humanity and Nature / My Surroundings	Advanced Programme: My Surroundings	Advanced Programme: My Surroundings	Advanced Programme: My Surroundings
<b>Biology</b>	<b>Photosynthesis:</b> Leaf structure, photosynthesis, respiration	Revision & Core Biology exam	<b>Cell Structure &amp; Transport</b>	<b>Cell Structure &amp; Transport</b>	<b>Communicable Diseases:</b> Pathogens, defences, antibiotic discs	<b>Communicable Diseases:</b> Pathogens, defences, antibiotic discs
<b>Chemistry</b>	<b>Atomic Structure and the Periodic Table:</b> Elements, mixtures and compounds. Atomic structure.	<b>Atomic Structure and the Periodic Table</b> Periodic table, properties of groups 1, 7 & 0	<b>Bonding and Structure</b> Covalent, ionic and metallic bonding Structure and properties of substances	<b>Bonding and Structure</b> Allotropes of carbon Nanotechnology	<b>Atmospheric Chemistry</b> Atmospheric evolution and composition	<b>Atmospheric Chemistry</b> Greenhouse effect and climate change Atmospheric pollutants
<b>Computing</b>	E-Safety, Computational Thinking	Bebras, Programming	Search & Sort Algorithms	Spreadsheets & Databases	Legislation & Ethics	Creative computing activities inc. Scratch, Maze games using PowerPoint etc.
<b>Drama</b>	foundation to component 1. The Curious Incident of the dog in the nighttime	foundation to component 1. The Curious Incident of the dog in the nighttime	foundation to component 2. Blood brothers	foundation to component 2. Blood brothers	foundation to component 3. Devised drama	foundation to component 3. Devised drama
<b>DT</b>	<b>Lighting:</b> CAD & Prototype	<b>Wearables:</b> Graphics	<b>Rebrand the Brand:</b> Graphics & Proptypes	<b>Designer:</b> Work of Others	<b>The Three Challenges:</b> Bridge, Tower & Shadows	<b>The Three Challenges:</b> Bridge, Tower & Shadows
<b>English</b>	<b>Macbeth</b> Shakespeare The Tragic Hero	<b>Poetry</b> How do poets create original & exciting work? Analysis & comparison	<b>Speak and Be Heard</b> Persuasion Spoken presentation	<b>Dystopia</b> Creative writing	<b>Time Travel:</b> Non-fiction writing then & now	<b>A Christmas Carol:</b> Dickens How do writers explore social issues?
<b>Food &amp; Nutrition</b>	<b>Macronutrients:</b> Fats, Carbohydrates, Proteins	<b>Micronutrients:</b> Vitamins & Minerals	<b>Nutritional Needs &amp; Health:</b> Diet & energy	<b>Cooking of Food &amp; Heat Transfer:</b> Radiation, Convection, Conduction	<b>Food Science:</b> Selecting appropriate cooking methods	<b>Food Science:</b> Fats in pastry experiment
<b>French</b>	Direct Object Pronouns; Social Life and social media use; 3 tenses development	Perfect Tense - what have you done?	Healthy living; future tense focus on what you plan to do	Time phrases - past, present & future; introduction to imperfect tense to say what you used to do / be like	Simple future tense - what you will do; jobs and careers	Start GCSE Theme 1 Topic 1 - Me, My Family and Friends; 5 tenses development cont.
<b>Geography</b>	<b>Tectonic Hazards:</b> Tectonic theory, Volcanoes, Earthquakes	<b>Dynamic Cities:</b> Urbanisation, urban change in Birmingham, Birmingham fieldtrip and follow-up	<b>Population Change:</b> Growth and distribution, demographic transition, population management in Russia and China	<b>Climatic hazards</b> - understanding the factors that influence weather patterns and extreme weather. Examples of the impacts and responses to extreme weather events.	<b>Resource Management</b> - focus on patterns of food, water and energy resource use (1st topic of GCSE Geography)	<b>Resource Management</b> - focus on energy use, management and conservation in the UK (1st topic of GCSE Geography)
<b>German</b>	Tenses revision. Context: Discussing role models and celebrity culture	Direct and indirect object pronouns. Seit. comparatives. Context: Music	Conditional tense. um...zu. Context: career ambitions.	Imperfect tense. Context: my childhood	Cultural understanding. Context: GCSE topic Customs and Traditions.	Cultural understanding. Context: customs and Traditions
<b>History</b>	1700-1900: Key Changes Industrial Revolution.	British Empire & Imperialism Slavery	The Great War 1914-1918. The Russian Revolution. 1930s & the rise of extreme ideologies	The rise of Hitler and Life in Nazi Germany. Holocaust	The legacy of Empire: Partition of India. The Windrush Generation	20th Century How equal did societies become? Impact of Immigration
<b>Maths</b>	Geometry - Pythagoras' Theorem Algebra - Straight line graphs - parallel and perpendicular Number - Upper & lower bounds	Data - boxplots, cumulative frequency Algebra / Number - index laws Number - percentage calculations	Algebra - expressions, expanding double brackets Geometry - constructions & loci, bearings Number - standard form	Algebra - rearranging formulae Trigonometry - SOHCAHTOA Algebra - simultaneous equations	Probability - tree diagrams Algebra - inequalities Geometry - transformations of shapes including negative / fractional enlargements	Algebra - compound measures, non-linear graphs
<b>Music</b>	Minimalism	Film Music	Music & Words	Samba	Band Project	Independent Pupil Project
<b>PE</b>	Rugby / Netball Volleyball	Football / Basketball / Rugby Trampolining	Fitness Football Handball	Inter-House Competition Hockey Outdoor Running	Athletics	Softball / Tennis / Rounders / Fitness

<b>Physics</b>	<b>Energy Transfers:</b> Energy Stores, Work Done, Gravitational Potential & Kinetic Energy, Efficiency, Power, Appliances	<b>Energy Resources:</b> Fuel for Electricity, Renewable Energy, Solar, Wind and Water, Energy and the Environment, Big Energy Issues	<b>Thermal Energy:</b> Infrared Radiation, Black Body Radiation, Thermal Insulation, Insulating Buildings	<b>Thermal Energy:</b> Infrared Radiation, Black Body Radiation, Thermal Insulation, Insulating Buildings	<b>Radioactivity</b> Radioactive decay, calculating and measuring Half-life, Nuclear Fission and Fusion, History of the Atom	<b>Radioactivity</b> Radioactive decay, calculating and measuring Half-life, Nuclear Fission and Fusion, History of the Atom
<b>PRE</b>	Why do some people inhabit a theistic world view?	Why do some people inhabit a theistic world view?	Diversity & worldviews	Why do some people inhabit a theistic world view?	Ethical studies: summer project	Ethical studies: summer project
<b>Spanish</b>	<b>Travel &amp; Tourism:</b> Holidays, weather, transport, accommodation & restaurants	<b>Places of Interest:</b> Towns, comparing places in Spain, places in Spanish-speaking countries	Celebrations in the Spanish speaking world	Festivals in the Spanish speaking world	The environment	GCSE Theme 1_Unit 1: Identity and relationships with others
<b>PERSONAL DEVELOPMENT</b>						
<b>Life</b>	<b>Oracy:</b> learning to talk; learning through talk Digital Literacy & Safety Current Affairs	UK Parliament Week Community outreach: Christmas Cards	Futures with Careers	Debate Skills Life Skills Choices	Engaged AGS Learner for exams	KS3-KS4 transition Life Skills Choices
<b>PSHE</b> Classes rotate over the course of the year	<b>RSE:</b> Tolerance, Safety and Relationships	<b>Staying Safe:</b> Drugs Awareness and the Law	<b>Staying Safe:</b> Mental Wellbeing and Stress	<b>British Values:</b> Criminal Responsibility and the Law	<b>Careers (part 2):</b> Life Choices and Pathways	
<b>Tutor &amp; Assembly Programmes</b>	Ongoing ... Attendance, DHB, Engaged Learner, Personal Development, Reading, Current affairs, Outside speakers, Careers & educational next steps, Academic self-reflection, Community focus, Wellbeing, Workload & Organisation, Mentoring, Interventions ... Plus House assemblies: Community, Responsibility & Leadership, Competition, Charities Plus Celebration Assemblies: Engaged Learner, DHB & Personal Development Awards					