

	Autumn Term 1	Autumn Term 1	Spring Term 1	Spring Term 2	Summer Term 1	Summer Term 2
ACADEMIC						
Art	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
Biology	Photosynthesis: Leaf structure, photosynthesis, respiration	Revision of KS3 End of Ks3 exam	KS4 GCSE Biology: Cell Structure & Transport	KS4 GCSE Biology: Cell Structure & Transport	Communicable Diseases: Pathogens, defences, antibiotic discs	Communicable Diseases: Pathogens, defences, antibiotic discs
Chemistry	KS4 GCSE Chemistry Atomic Structure and the Periodic Table: Elements, mixtures and compounds. Atomic structure and history.	Atomic Structure and the Periodic Table Electronic structure, Periodic table and history	Bonding and Structure Covalent, Ionic and metallic bonding Structure and properties of substances	Bonding and Structure Allotropes of carbon Nanotechnology	Atmospheric Chemistry Atmospheric evolution and composition	Atmospheric Chemistry Greenhouse effect and climate change Atmospheric pollutants
Computing	E-Safety	Computational Thinking Bebras	Programming	Algorithms	Databases & Spreadsheets	Legislation & Ethics
Drama	Abstract History	Mockumentary	Practitioner Workshops	Curious Incident of the Dog in the Nighttime	Curious Incident of the Dog in the Nighttime	Five Minute Films
DT	Lighting: CAD & Prototype	Wearables: Graphics	Rebrand the Brand: Graphics & Protypes	Designer: Work of Others	The Three Challenges: Bridge, Tower & Shadows	The Three Challenges: Bridge, Tower & Shadows
English	Macbeth Shakespeare The Tragic Hero	Poetry How do poets create original & exciting work? Analysis & comparison	Speak and Be Heard Persuasion Spoken presentation	Dystopia Creative writing	Time Travel: Non-fiction writing then & now	A Christmas Carol: Dickens How do writers explore social issues?
Food & Nutrition	Macronutrients: Fats, Carbohydrates, Proteins	Micronutrients: Vitamins & Minerals	Nutritional Needs & Health: Diet & energy	Cooking of Food & Heat Transfer: Radiation, Convection, Conduction	Food Science: Selecting appropriate cooking methods	Food Science: Fats in pastry experiment
French	Direct Object Pronouns	Perfect Tense - what have you done?	Phonics & pronunciation	Time phrases - past, present & future	Simple future tense - what you will do	Imperfect tense
Geography	Tectonic Hazards: Tectonic theory, Volcanoes,	Tectonic Hazards: Earthquakes Independent research Managing earthquakes and volcanoes	Dynamic Cities: Urbanisation, Land use models	Dynamic Cities: Birmingham, Field work Sustainable cities	Population Change: Growth and distribution, demographic transition, Population pyramids	Population Change: Population management in Russia & China Migration
German	Tenses revision. Context: Discussing role models	Direct and indirect object pronouns. Seit, comparatives. Context: Music	Conditional tense. um...zu. Context: career ambitions.	Imperfect tense. Context: my childhood	Cultural understanding. Context: Customs and Traditions.	Cultural understanding. Context: customs and Traditions
History	1700-1900: Key Changes Industrial Revolution	British Empire & Imperialism Slavery	The Great War 1914-1918	1930s & the rise of extreme ideologies WW2 Holocaust	The Atom Bomb	20th Century How equal did societies become? Impact of Immigration
Maths	Geometry - Pythagoras' Theorem Algebra - graphs Number - Upper & lower bounds	Data - boxplots, cumulative frequency Algebra / Number - indices Number - percentages	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, negative / fractional enlargements	Algebra - compound measures, functions of graphs
Music	Minimalism	Film Music	Music & Words	Samba	Band Project: Collaboration & Performance	Independent Project: Research & Performance
PE	Rugby / Netball Volleyball	Football / Basketball / Rugby Trampolining	Fitness Football Handball	Inter-House Competition Hockey Outdoor Running	Athletics	Softball / Tennis / Rounders / Fitness

Physics	Energy Transfers: Energy Stores, Work Done, Gravitational Potential & Kinetic Energy, Efficiency, Power, Appliances	Thermal Energy: Conduction, Convection, Radiation and Absorption	Thermal Energy: Infrared Radiation, Black Body Radiation, Thermal Insulation, Insulating Buildings	Graphs of Motion Speed-Time and Distance-Time graphs, Velocity and Acceleration, Velocity-Time graphs, Graph analysis	Electricity In the Home: Alternating Current, Cables & Plugs, Electrical Safety, Fuses and Earth	Energy Resources: Fuel for Electricity, Renewable Energy, Solar, Wind and Water, Energy and the Environment, Big Energy Issues
PRE	Why do some people inhabit a theistic world view?		Diversity & worldviews			
Spanish	Travel & Tourism: Holidays, weather, transport, accommodation & restaurants	Places of Interest: Towns, comparing places in Spain, places in Spanish-speaking countries	Celbrations in the Spanish speaking world	Festivals in the Spanish speaking world	The environment	GCSE exam skill preparation
PERSONAL DEVELOPMENT						
Life	Oracy: learning to talk; learning through talk	Digital Literacy & Safety Current Affairs Local Sustainability	Futures with Careers	Junior Ambassadors	Engaged AGS Learner for exams	Real World Maths KS3-KS4 transition
PSHE Classes rotate over the course of the year	RSE: Tolerance, Safety and Relationships	Staying Safe: Drugs Awareness and the Law	Staying Safe: Mental Wellbeing and Stress	British Values: Criminal Responsibility and the Law	Careers (part 2): Life Choices and Pathways	
Tutor & Assembly Programmes	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					