Year 9 Curriculum Plans

Core Subjects	Autumn Term			
Biology	Cell Biology- Explore how structural differences between types of cells enables them to perform the specific functions within organisms.		Organisation - Investigate how the digestive system, cardiovascular system work, as well as exploring a range of conditions which can affect them.	
Chemistry	Atomic Structure- Explore the historical development of the periodic table and models of atomic structure that have developed over time as new evidence emerged.		Structure and Bonding - Investigate structure bonding and the properties of matter, as well as how materials may offer new applications in a range of different technologies.	
English	**Rhymes through Time** - Students will master how to closely analyse and compare poems from different eras considering language, form, structure and context.		**The Curious Incident of the Dog in the Night Time** - Students will engage in a class reading of the play text as inspiration for their own narrative writing.	
Geography	North America - Human and Physical features of North America		North America/Incredible Ice worlds	
History	What was so great about the 'Great War'?		What were the experiences of people that fought for Britain in the Great War?	
Maths - Foundation	Introduction to number - a focus on factors, multiples, primes and negative numbers	Introduction to algebra - Efficiently manipulating algebraic expressions	Decimals and rounding - How to efficiently estimate answers	Averages and range - Using a range of data to analysis spread
Maths - Higher	Introduction to number - Using proficient methods for 4 operations, estimation and HCF and LCM Introduction to algebra - Efficiently manipulating algebraic expressions	Indices and standard form Solving equations	Averages and range - Using a range of data to analysis spread	Angles - Exploring and applying basic angle facts, angles in polygons and parallel lines

Physical Education	Healthy Body Football, Netball, Badminton	Healthy Mind Location of Muscles Healthy Relationships Manners and Respect	Healthy Body Handball, Rugby, Basketball	Healthy Mind Antagonistic Pairs Healthy Relationships Leadership Skills
Physics	Particle Model of Matter- Investigate the particle model which is used to explain the behaviour of solids, liquids and gases.		Energy - Explore the concept of energy.	
RE	What does it mean to be human?		What is the relationship between religion and science?	
Spanish	Oriéntate - Discussing jobs and the world of work.			

Core Subjects	Spring Term			
Biology	Disease - Exploring a range of communicable and noncommunicable diseases that affect both animals and plants.		Infection Response - Explore how we can avoid disease by reducing contact with them, as well as how the body uses barriers and the immune system to prevent and destroy pathogens.	
Chemistry	Quantitative Chemistry - Identifying different types of chemical reaction and investigating how quantitative chemistry allows scientists to make predictions about the behaviour of other chemicals.		Chemical Changes -Investigate different chemical changes and how they can be used to predict exactly the new substances formed.	
English	**Narrative Writing -** Inspired by extracts from 'The Curious Incident of the Dog in the Night Time', students will craft their own short story based on the key themes and ideas.		**Shakespeare's Macbeth** - A whole class close reading of the text looking at key themes and ideas; an extract analysis will form part of students' end of year exam.	
Geography	Incredible Ice worlds - How Ice has shaped our world. Outstanding Oceania		Outstanding Oceania (cont) - Human and Physical features of Oceania	
History	Boom, Bust, Buildings, Booze and Bad men - did the 1920s really 'roar' for people in Britain, the USA and Germany?		Did the world learn anything from the persecution of minorities in 1930s Germany? What was the 'Holocaust'? Why did it take so long for Black Americans to get the vote? Did Britain embrace the 'Windrush Generation'?	
Maths - Foundation	Representing data - Drawing and interpreting a range of diagrams	Fractions, decimals and percentages - Using fractions, decimals and percentages to solve problems	Forming and solving algebraic equations	Angles - Exploring and applying basic angle facts, angles in polygons and parallel lines

Maths - Higher	Representing data - Drawing and interpreting a range of diagrams	Fractions and percentages - Calculating and manipulating fractions and percentages Ratio - Exploring multiplicative relationships	Pythagoras and Trigonometry Proportion - Exploring multiplicative relationships	
Physical Education	Healthy Body Handball, Rugby, Basketball	Healthy Mind Sedentary Lifestyles Healthy Relationships Empathy	Healthy Body Volleyball, Gymnastics, OAA	Healthy Mind Functions of the Skeletal System Healthy Relationships Resilience
Physics	Energy Resources - Investigate energy resources and energy generation.		Electricity - Investigate electric charge as a fundamental property of matter.	
RE	Is God real? If so, where is God?			
Spanish	En forma - Talking about diet and healthy lifestyles.			

Core Subjects	Summer Term	
Biology	Bioenergetic - Investigate how plants harness the Sun's energy in photosynthesis to make food.	Bioenergetics - Explore metabolism and the process by which energy is transferred by aerobic and anaerobic respiration. Synoptic review of the curriculum.
Chemistry	Electrolysis - Investigate the process of electrolysis.	Energy Changes - Investigate how the interaction of particles often involves transfers of energy due to the breaking and formation of bonds. Synoptic review of the curriculum.
English	**Activism** - A look at literature written or themed around activists as inspiration for pieces of transactional writing (letters, speeches, articles, leaflets and essays).	
Geography	Resource management - Food, water and energy	
History	'When two tribes go to war' - what was the 'Cold War, why did it start and how was it 'fought'? Cold War crises - the Berlin Blockade and the Cuban Missile Crisis - who 'won' the Cold War?	David vs Goliath - Why couldn't the Americans win in Vietnam? Why did the Russians lose to the Taliban in Afghanistan in the 1980s?
Maths - Foundation	Ratio and proportion -Exploring multiplicative relationships Real life and linear graphs - Plotting and interpreting graphs	Probability - Calculating the chances of outcomes Perimeter and area
Maths - Higher	Real life and linear graphs - Plotting and interpreting graphs Probability - Calculating the chances of outcomes	Accuracy and bounds Perimeter, area and circles

Physical Education	Healthy Body Athletics	Healthy Mind Components of Fitness Healthy Relationships Communication	Healthy Body Softball, Cricket, Rounders	Healthy Mind Principles of Training Healthy Relationships Co-operation
Physics	Atomic Structure - Explore the structure of the atom and the history of the atomic model.		Radioactivity - Investigate ionising radiation and the use of radioactive materials in the world today.	
RE	What does it mean to be religious in the 21st century		Is death the end?	
Spanish	Jóvenes en acción - Talking about children's rights and world issues.			

Taster Year Subjects	Autumn Term	
Art & Design	**Portraits** Students develop their drawing skills, look at the different facial features, facial mapping and explore a variety of media and techniques. Students will reference the work of artists and produce a condensed GCSE unit.	
Computing	Computer Hardware and Computer Software	Programming Skills, Computer Memory and Storage
Drama	**Component 1:** **Understanding Drama- 'DNA' by Denis Kelly** Students study a full and substantial play text, focusing on elements including: characterisation, plot structure and vocal and physical skills. Theatre scene - Gothic Horror, students will study a line theatre production and evaluate the performance and design elements.	**Component 1:** **Understanding Drama-** Students will prepare for a written examination to show their understanding and knowledge of 'DNA'. **Component 3: Texts in Practice:** In small groups, students will perform two contrasting scenes from the play text as part of their end of term assessment point. **Theatre trip** Students have the opportunity to see a live theatre production to deepen knowledge, understanding and appreciation of theatre
Food	Produce a wide range of healthy products using a range of different cookery skills. Explore food provenance, food safety, food science, food choice and nutritional needs and health.	
French	Je me présente - Introductions and classroom language.	

Music	Chords and Harmony (Don't look back in Anger performance ensemble) Jazz and Blues	Use Music Sequencing and Technology Exploring Composition

Taster Year Subjects	**Spring Term**	
Art & Design	**Portraits** Students develop their drawing skills, look at the different facial features, facial mapping and explore a variety of media and techniques. Students will reference the work of artists and produce a condensed GCSE unit.	**Urban Architecture** Students explore the theme Urban Architecture, to produce an individual condensed GCSE unit, working in a range of media and processes to create a final outcome.
Computing	Programming Techniques Moral, Legal, Cultural and Environmental Concerns	Computational logic Algorithms
Drama	**Use of performance space** Students experiment with using differing theatre space styles, for example: thrust, traverse, site-specific and 'in the round' to develop performance skills and use of proxemics.	**Theatre Practitioners** Students will study contrasting theatre practitioners, for example, Konstantin Stanislavski and Bertolt Brecht to develop knowledge and understanding of naturalism and non-naturalism.

	Practitioners - Introduction to two different approaches to theatre/performance work: Stanislavski and Brecht through practical exploration.	**Devised Performance Work** Students work collaboratively in small groups to create a devised performance from a given stimulus. Students will perform their devised work as part of their end of year assessment point.
Food	Produce a wide range of healthy products using a range of different cookery skills. Explore food provence, food safety, food science, food choice and nutritional needs and health	Produce a range of healthy products using a range of different cookery skills Portioning a chicken
French	Mes passe-temps - Discussing hobbies and free time activities.	
Music	Solo performance skills	GCSE set works - Africa by Toto, Remixing using music technology

Taster Year Subjects	Summer Term	
Art & Design	**Urban Architecture** Students explore the theme Urban Architecture and Graffiti, to produce an individual condensed GCSE unit, working in a range of media and processes to create a final outcome.	
Computing	Data Representation Programming Project	Programming Project

Drama	Narrative structure- devised work based on a stimulus, focusing on non-naturalistic techniques and non-linear narrative.	Spontaneous improvisation- focus on creative thinking/making links through acting
Food	Produce a wide range of healthy products using a range of different cookery skills. Explore food provence, food safety, food science, food choice and nutritional needs and health	
French	Ma zone - Describing where you live and giving directions.	
Music	Popular music - performing and arranging (Stand by me performance ensemble)	Composition – Free choice Musical futures - 'In at the deep end' - self taught/directed performance/ensemble