Year 9 Curriculum Map

Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Art	Portraits Facial features/proportions Surreal eyes		Day of the Dead Printing techniques Clay thumb pots		Portrait Artist styles 3D portraits Making techniques	
Computing	Cybersecurity Introduction to Python		Algorithms		Applied digital skills	
Drama	**Design Skills** *(Costume, sound, lighting, set)*	**Theatre practitioners** *(Stanivlaski, Brecht, Katie Mitchell, Frantic Assembly, Punchdrunk)*	**From text to performance** *(Group performances from a script)*	**DNA by Dennis Kelly** *(Whole class performance, including design roles)*	**Devising from a stimulus** *(Group performance)*	
English	Introduction to 19th Century detective fiction Choice of: The Sign of the Four, A Study in Scarlet, Hound of the Baskervilles, or Selection of short stories including The Red Headed League and The Speckled Band. Detective narrative writing		Shakespeare - Choice of 'Twelfth Night' or 'Much Ado About Nothing' Unseen poetry linked by theme to Shakespeare text.		Class reader - Animal Farm Examples of political speeches Persuasive writing - speeches, articles, polemic	Introduction to GCSE Poetry 2 nature poems from anthology 'Hawk Roosting' 'Death of a Naturalist' Narrative writing examples Component 1 paper
Geography	Challenges of the Physical Environment in Africa Challenges of the Human Environment in Africa		Socio-Economic changes in Asia Inequality in Asia		Endangered Environments in Oceania Resources around The World	

History	Did Britain experience a revolution between 1750 & 1900?		Why should we remember the First World War?		Should the 20th century be remembered as the age of war?	
Maths	Angles in Parallel Lines and Polygons Rearranging Equations	Interpreting Straight Line Graphs Forming and Solving Equations	Laws of Indices Unit Conversions & Error Intervals	Constructions & Congruency Plans & Elevations	Applications of Percentages Pythagoras' Theorem	Transformations of Shapes Revision
MFL	Clothes	Weather	Healthy living	Jobs and future plans	Holidays	
Music	Music for Media: Film, TV, Adverts, Games and Apps		Electronic Music Production: Remixing, Sampling and Sequencing		Contemporary Instrument Skills: Cover Song Pt 2	
PE	Invasion activities - netball, football, rugby, handball, basketball Sports Leaders		Net/Wall activities - badminton, short tennis, table tennis, tennis Health and Fitness		Striking and fielding – rounder's, cricket, softball Athletics	
Dance	Contemporary Dance		Choreography (based on GCSE stimuli)		Group dance Duet/trio	
RS, Philosophy and Ethics	What makes me who we are?		What is Philosophy?		What is it like to live in the modern world?	
Science Biology	In year 9 students are introduced to GCSE level key concepts in Biology. They revisit cell structure, specialised cells and microscopy. They learn about enzymes in much further detail, for example enzyme action, specific enzymes and how to test for their products. Students will have previously learnt about absorption of substances at KS3 and in year 9 students will gain a knowledge and understanding of fundamental transport processes:		In the second part of the year, students will do work on ecosystems and the human impacts on the environment, as well as how substances on earth and in the atmosphere are continuously recycled: water, carbon and nitrogen cycles.		Students will also complete practical work to estimate populations of species in an ecosystem via sampling using a quadrat and transect.	

	Diffusion, Osmosis and Active Transport. Students will carry out scientific experiments and investigations to develop their practical working skills and improve their understanding of scientific theories. These include looking at how pH level can affect enzyme activity and how certain variables can affect the rate of osmosis in plant tissue.		
Science Chemistry	Year 8 pupils begin chemistry using the Periodic table linking this to atomic structure as a fundamental concept. They go on to apply this concept to the task of balancing chemical equations.	Pupils then explore a range of different chemical equations such as combustion, decomposition and neutralisation reactions. Pupils make observations of these reactions and explore them on a particle and equation level. Pupils have the opportunity to expand their practical skills by carrying out practicals including Bunsen Burners and making salts through neutralisation reactions.	Finally, pupils are introduced to how chemistry plays a part in our environment. From the structure and composition of our earth and atmosphere to the changes in the chemistry of our environment.
Science Chemistry	Having gained a strong grasp of key concepts at KS3 through years 7 and 8, pupils are gradually introduced to GCSE level concepts in year 9. Pupils begin by exploring the different types of atom- isotopes and more advanced ways of separating substances.	Next, pupils develop their understanding of crude oil. Linking ideas from KS3 and the first unit about distillation and combustion. This includes the environmental impact and evolution of our atmosphere.	Finally, students learn about the factors affecting the rate of chemical reactions. Pupils practical skills are developed throughout with a range of separating techniques studied including crystallisation, chromatography and a variety of ways measuring rates of reaction.
Science Physics	Year 9 starts with the development of concepts first looked at in year 8, energy and the conservation of energy, insulating homes and studying both renewable and non renewable energy sources.	Pupils study Newton's three laws of motion in detail, with plenty of exam practice throughout. Within this, they learn a variety of ways to represent, describe and understanding movement. They also start to master the equation	Pupils also use free-body diagrams as an alternative way to understand motion and the forces that cause it. Speed and distance-time graphs are studied in detail, helping pupils not only with their understanding of this unit but also with

	Pupils study light and the electromagnetic spectrum and complete practical work studying the refraction of light. They also start to develop their understanding of the electromagnetic spectrum and it's uses.	techniques which they have been learning throughout KS3, applying their skills this time to acceleration and velocity equations.	their understanding of graphs throughout the subject.