Year 11 Curriculum Map

Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Art	Fragments Developing ideas Exam practise (mock)		Externally Set Task (40%) Title chosen from exam paper Jan - April		10 hour final exam	
Computing	• Focus on exam paper 2 content: o Algorithms o Programming fundamentals		o Producing robust programs o Boolean logic		o Programming languages and Integrated Development Environments • Revision of paper 1 and paper 2 topics	
Design	Coursework projects are ongoing and completed typically by Spring term, with an external exam in the Summer term.					
Engineering	Coursework projects are ongoing and completed typically by Spring term, with an external exam in the Summer term.					
Food	Coursework projects are ongoing and completed typically by Spring term, with an external exam in the Summer term.					
Drama	An Inspector Calls - Preparation for Mock exam Component 2: Rehearsals both after school and in lessons		An Inspector Calls - Revision Component 2: Rehearsals and exam Woman in Black - 6 and 9 mark questions, writing up notes		Revision for Component 3 exam *(An Inspector Calls and Live Theatre Evaluation)*	
English Literature	Revise Macbeth and Poetry Revise and prepare for mock exams		Revise 20th Century Play Unseen Poetry	Revise 19th Century novel and revise for second mock exams	Final revision and exam practice	

English Language	Revision of reading section and narrative writing for Paper 1 mock		Revision of Paper2 reading section and non - fiction writing forms for mock		Final revision	
Geography	Changing Economic World Natural Hazards		Resource Management		Paper 3 Pre Release	
Health and Social care	Prepare for component R032 - external exam Prepare for R034 - internal assessment		Prepare for R032 - external exam Prepare for R034 - internal assessment		Complete R032 - external exam Submit R034 - internal assessment	
History	How & why has medicine & health changed through time?		Why was there a Second World War?		How to do even better in the GCSE exam?	
Maths Foundation	Averages and Range Multiplicative Reasoning Ratio and Proportion	Fractions Laws of Indices and Standard Form Simultaneous Equations	Quadratic Equations and Graphs Cubic and Reciprocal Graphs	Congruence, Similarity Rearranging Formula		
Maths Higher	Quadratics Compound Measures and Bounds Direct and Inverse Proportion Similarity and Congruence	Similarity and Congruence Algebraic Fractions Functions Algebraic Proof	Trigonometric Graphs Quadratic Inequalities Non-Linear Simultaneous Equations Iteration Cubics and Reciprocals	Vectors and Geometric Proof Transformation of Graphs Exponential Functions Area Under a Curve and Gradient of a Tangent		

MFL	Theme 1: Identity and culture Relationships with family and friends Marriage/partnership Technology Music Cinema and TV Food and eating out	Theme 2: Local, national, international and global areas of interest Home, town, neighbourhood and region Charity/voluntary work Healthy/unhealthy living The environment Poverty/homelessness	Theme 3: Current and future study and employment Topic 1: My studies Life at school/college Education post-16 Jobs, career choices and ambitions

	Sport Customs and festivals in French-speaking countries.	Travel and tourism	
Music/ Music technology	Component 1: Exploring Music Products and Styles	Component 2: Music Skills Development	Component 3: Responding to a Music Brief
PE options	Indoor games block Outdoor games block Health and Fitness Aesthetics block	Net/wall block Invasion games block Health and fitness Dance block	
BTEC Sport	Prepare for component 3 - external exam Explore component 2 - internal assessment	Component 3 - external exam Complete 2 - internal assessment	
Dance	Solos - Breathe and shift (10% of GCSE mark) Duet/Trio - Trapped (20% of GCSE mark) Filmed ========== Introduce Choreography once stimulus has been released from AQA	Choreography (30% of GCSE mark) Filmed Prepare for written paper	Written paper - 40% Revision of all sections in preparation for the exam.
GCSE RS, Philosophy and Ethics	Religion, peace and Conflict	Buddhist Practices	Revision

Science Biology	In the final year of study students are able to make synoptic links between multiple different topics covered during years 9 and 10; this will help deepen their understanding of the key concepts and how to apply this knowledge to exam style questions. Plant biology is an important topic in year 11 and the process of photosynthesis and plant structure are looked at in a high level of detail. There is an opportunity to practically investigate how abiotic factors affect the rate of photosynthesis and how other factors limit the rate. Students discover the wonders of the Endocrine system and how hormones play a crucial role in keeping organisms functioning at their optimal level.	The final aspect in the curriculum is exchange and transports in animals where students get to dissect a mammalian heart and learn how the circulatory system supplies every cell of the body with the respiratory substances they require as well as carrying excretory products out of the body. Finally, students will look in detail at the fundamental biochemical reaction of respiration and how this releases the energy for life.	In their final term of Biology at GCSE level, triple science students are introduced to protein synthesis, the structure of the eye and brain plus other content which will be useful should they wish to continue with the subject at A-Level. Year 11 Biology for combined science is designed to be shorter in length than the other years in order to maximise time for revision and mastery in the lead up to GCSE exams.
Science Chemistry	Year 11 pupils begin Chemistry with an introduction to quantitative chemistry. Calculation of relative atomic mass and relative formula mass makes use of pupils' strong knowledge of the periodic table from KS3. Many pupils learn the concept of 'the mole' and apply this to several calculations used throughout Chemistry. Pupils then apply their knowledge of ions, ionic equations, reactivity and displacement from Year 8 and 10 topics. Pupils learn how many elements are separated from their compounds using electricity and compare this to industrial metal extraction processes.	Finally, pupils bring together many ideas taught throughout the course to look at how Chemistry affects our environment and the part we as human beings are playing. How can we reduce our carbon footprint? How can we produce clean drinking water? How do we extract metals from the Earth? And how can we do all of these things better to protect our environment?	In their final term of Chemistry education at GCSE level, triple science pupils are introduced to the world of organic chemistry; compounds based in carbon. They understand how these compounds are used in everyday life and some of the issues that come with this. Analysis skills are extended to allow skilful identification of unknown compounds. Year 11 Chemistry for combined science is designed to be shorter in length than the other years in order to maximise time for revision and mastery in the lead up to GCSE exams.

Science Physics	Firstly, students use their knowledge of particles to study the density of different materials, learning how to measure the density of them using practical techniques and mastering the use of equations.	Pupils' understanding of energy, which started with the first physics lesson of year 8 is solidified by studying specific heat capacity and different sources of energy.	In the final term of year 11, triple students are introduced to astronomy, studying the very origins of the universe from the Big Bang to predictions about it's future. Students build on the concepts of radioactivity to describe nuclear fission and fusion and how nuclear reactors work.

			Year 11 physics for combined science is designed to be shorter in length than the other years in order to maximise time for revision and mastery in the lead up to GCSE exams.