Year 10 Curriculum Map

Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Art	Natural forms Observational drawing		Building skills in various media Artist analysis		Fragments Making informed choices Mixed media exploration Independent Artist research	
Computing	• Focus on exam paper 1 content: o Systems architecture o Memory and storage		o Computer networks, connections and protocols o Network security		o Systems software o Ethical, legal, cultural and environmental impacts of digital technology	
Design	Introductory, practice and preparatory tasks and learning, with coursework projects beginning.					
Engineering	Introductory, practice and preparatory tasks and learning, with coursework projects beginning.					
Food	Introductory, practice and preparatory tasks and learning, with coursework projects beginning.					
Drama	An Inspector Calls - Plot, characters, context Theatre Practitioner workshops Group work from stimuli for Component 1		An Inspector Calls - 4, 6 and 12 mark questions Component 1: Devising and performance		An Inspector Calls - 9 and 14 mark questions Component 1: written portfolio	
English literature	20th Century play - Either An Inspector Calls, Blood Brothers, Curious Incident of the Dog in the Night Time	GCSE Poetry Anthology - war poems: A Wife in London, The Soldier, Dulce et Decorum est, The Manhunt and Mametz Wood	19th Century Novel Either A Christmas Carol or The strange Case of Dr Jekyll and Mr Hyde	Finish 19th Century novel GCSE Poetry Anthology - love and relationship poems: Sonnet 43, Valentine and Cozy Apologia	Shakespeare text Either Macbeth or Romeo and Juliet	
English Language	Narrative writing	Paper 1 Reading Section	Non fiction transactional and persuasive writing	Paper 2 Reading	Mock exam revision and feedback	Spoken Language Endorsement Preparation

Geography	The Living World Urban Issues and Challenges		Physical Landscapes - Rivers Physical Landscapes - Coasts		Field Work- Felixstowe	
Health and Social care	Prepare for internal assessment - R033 Explore component R032 - external exam		Prepare for internal assessment - R033 Explore component R032 - external exam		Submit R033 - internal assessment Explore component R032 - external exam	
History	How was the USA expanded & consolidated 1840-1895?			How did the Normans Conquer, Control & Change England		
Maths Foundation	Pythagoras and Problem Solving Right Angled Trigonometry and Bearings	Perimeter and Area Circles, Sectors, Cylinders, and Spheres	Equations, Inequalities, and Sequences Probability 1	Probability 2 Straight Line Graphs	Rules of Indices Ratio and Proportion	Transformations, Vectors, and Constructions Year 10 Exam Feedback and Revision
Maths Higher	Pythagoras and Right Angled Trigonometry Advanced Trigonometry and Bearings	Circles, Sectors, Cylinders, and Spheres Rules of Indices, Surds, and Standard Form	Straight Line Graphs Linear Inequalities and Linear Simultaneous Equations	Probability Circle Theorems	Statistics 1 Statistics 2	Transformations and Constructions Quadratics
MFL	Theme 1: Identity and culture Relationships with family and friends Marriage/partnership Technology Music Cinema and TV Food and eating out Sport Customs and festivals in French-speaking countries.		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 Travel and tourism		Theme 3: Current and future study and employment Topic 1: My studies Life at school/college Education post-16 Jobs, career choices and ambitions	
Music/Music technology	Component 1: Exploring Music Products and Styles		Component 2: Music Skills Development		Component 3: Responding to a Music Brief	
PE pathway	Sport Education season Health and Fitness block Sports Leaders award		Net/Wall block Fitness leaders award Dance leaders award		Striking and fielding Tennis block	

	Alternative sports	Alternative sports	Athletics block (compulsory in preparation for sports day)
BTEC Sport	Prepare for component 1 internal assessment Explore component 3 - external exam	Prepare for component 1 internal assessment Explore component 3 - external exam	Component 1 - internal assessment and explore component 2 - internal assessment Explore component 3 - external exam
Dance	Explore professional dances 1, 2 and 3 (ALC, EofE, Shadows) Breathe and shift (solo performance) Section A dance knowledge	Explore professional dances 4, 5 and 6 (Infra, AT and WHE) Breathe and shift (solo performance) Section A dance knowledge	Duet/Trio - trapped. Prepare for practical performances in professional dances Mock practical and written papers
Core RS, Philosophy and Ethics	Conflict	Stereotypes	Medical Ethics
GCSE RS, Philosophy and Ethics	The Existence Of God & the Revelation	Christian Beliefs & Christian Practices	Buddhist Beliefs
Science Biology	During the first part of year 10 students learn about the growth of organisms with a focus on Mitosis; students will also understand more about asexual reproduction in plants. The structure and function of the nervous system and neurotransmission speeds are also explored in this part of the course.	Next, students will study genetics and this includes: the structure of DNA, genes and alleles, Meiosis, Inheritance and genetic variation. This topic then leads into a unit of work around Evolution by Natural Selection, Selective Breeding and Genetic modification of organisms.	The final topic studied deals with Health, Disease and the development of medicines where students look at the different types of pathogens and the effects that they have on animals and plants and the body's immunological response to infection. The effect of lifestyle factors on health is explored and correlations between various lifestyle choices are identified. Students complete a practical investigation into the effect of different antibiotics on bacteria.
Science Chemistry	Firstly, Y10 pupils learn about chemical bonding and how this explains much of the physical properties observed from	Next, year 10 pupils apply their knowledge of neutralisation chemical reactions to the topic of acids and bases.	Many of the ideas taught in year 9 and 10 are brought together through Le Chatelier's Principle which tests pupils'

	year 7. Year 10 pupils further their KS3 understanding of neutralisation reactions with their newly gained knowledge of ions and ionic equations.	This includes various methods of salt making and purification. Groups in the periodic table provides a deep dive into specific families of elements and their reaction. Again application of knowledge is fostered to explain patterns in reactivity.	application of many of the concepts taught. Pupils' practical skills are developed through experiments including titration and displacement reactions.
Science Physics	In the first half of year 10, pupils delve into two of the most fascinating areas of physics – radioactivity. They learn about the early ideas of atomic models and their development by Rutherford and his gold foil experiment. From these concepts they develop and understanding of what radioactivity is and its dangers. Students return to the topic of electricity, building on their prior knowledge with more complex circuits, equations and components.	Students then go on to study the effect that forces have on the world around them and learn to draw free-body diagrams to predict the movement of objects in the Universe.	Finally, from the basics of magnetism, they develop an understanding of the complex interaction of electric and magnetic fields, eventually learning how magnets and electric current can interact to create movement in the motor effect