

# Year 10 Curriculum Plan

Subject	Autumn Term	
<b>Art</b>	Students will focus predominantly on producing observational studies from both secondary and primary sources, imaginatively exploring the given theme whilst trialling various materials, techniques/processes [AO2].	
<b>Computer Science</b>	1.1 Systems Architecture 1.2 Memory	2.1 Algorithms 2.2 Programming Techniques
<b>Creative I-Media</b>	Students will complete their first controlled assessment on Digital graphics	
<b>Design and Technology</b>	Theory New and emerging technologies Energy generation & storage Systems – mechanical and electrical	Design & Make activity Sustainable flat packed toy
<b>Drama</b>	Monologues and duologues Students will be devising their own monologues and duologues based on a given theme/stimulus.	Exploration of Blood Brothers Students will read the play and start to research the setting, costume, makeup, hairstyles, scenery and lighting for the play and present their findings to the class. They will also perform extracts from the play to put themselves in the position of the character to gain a deeper understanding to support responses to component 1 questions.
<b>English</b>	GCSE English Language- AQA Paper 2 writers' viewpoints and perspectives Students will summarise, analyse and compare a range of nonfiction text types. For part B, they will then write nonfiction texts such as: articles, letters, speeches and essays.	GCSE English Literature- AQA Power and conflict poetry Students will study a range of poetry from the 18th century to present day.
<b>Food Preparation and Nutrition</b>	Theory Commodity Fruit & Vegetables Seasonality What are food miles? Nutritional Values & Dietary Considerations Food Safety and Food Storage Food Science Experiments: Oxidisation	Commodity Chicken and Fish Covering all the aspects of Nutrition, dietary considerations, food provenance, food hygiene and safety as stated Food Science Experiments: Tenderisation  All cooking is Individual cooking to include 12 key GCSE Skills both sweet and savoury dishes.

# Year 10 Curriculum Plan

Subject	Autumn Term				
	Food Science experiments are grouped work				
<b>Geography</b>	GCSE Paper 1: The Living World			GCSE Paper 2: Urban Issues and Challenges	
<b>History</b>	The Peoples Health c1250 – Present Matters of Life and Death 1250-1700	1750-1900 Why were there such huge changes in people’s health?		1900- Present – Better than Ever? Are improvements since 1900 a simple story of progress?	
<b>Maths - Higher</b>	Indices/surds	Sequences	Circle Theorems	Trigonometry	Proportion
<b>Maths - Foundation</b>	Ratio and Fractions	Graphs	Angles and Pythagoras’ Theorem	Data Handling	Expressions, equations and formulae
<b>Music</b>	Developing knowledge and understanding of the Elements of Music, through a wide range of Composition, Performance and Appraising activities. Students will study the set work Minuet and Trio from ‘Eine Kleine Nachtmusik’ by Mozart and develop the associated appraising skills.They will focus on the Area of Study: Musical Forms and Devices.				
<b>Physical Education</b>	Football Netball Handball		Table Tennis Gymnastics Field Hockey		
<b>Religious Studies</b>	Component 1 Relationships Exploring religious and non-religious attitudes towards relationships.				
<b>Science</b>	Infection & Response: Pathogens and body defences. The immune system and principles of immunisations. The development and testing of drugs	C Chemical changes: Conservation of mass. The reactivity of metals and common reactions with acids. Electrolysis and the reaction profiles of exothermic and endothermic reactions.		P Energy Applications: Gravitational, elastic and kinetic energy. Energy efficiency. P Nuclear Radiation: Nuclear radiation process’, Isotopes and decay, half-life	
<b>Spanish</b>	Tiempo libre - identifying verbs Holiday preferences; booking accommodation and dealing with problems				

# Year 10 Curriculum Plan

Subject	Spring Term		
<b>Art</b>	Students will be introduced to various theme-based artists [AO1], materials and techniques [AO2] whilst learning to record [AO3] their explorations through constructing cohesive contextual study pages within their sketchbooks.		
<b>Computer Science</b>	1.3 Storage 2.4 Computational Logic	1.4 Wired & Wireless Networks 2.3 Producing Robust Programs	
<b>Creative I-Media</b>	Theory work for the exam unit includes learning about visualisations, mood boards, and legislation		
<b>Design and Technology</b>	Theory Materials and properties Approaches to designing	Design & Make activity Furniture model based on design style. Practice NEA project	
<b>Drama</b>	Understanding different genres Explore different genres through practical performance	Comedy Monologue Learn the key components for comedy and start to implement them in to a monologue that interlinks with others when in a group	
<b>English</b>	GCSE English Language- AQA Paper 1 exploring creative reading and writing Students will analyse and evaluate the linguistic and structural features of a range of fiction texts. For part B, they will then compose a fictional piece of writing-either descriptive or narrative based.		GCSE English Literature- J.B Priestley's 'An Inspector Calls' Students will study the plot, characterisation, dramatic devices and themes explored in the play. They will also study the social, political and historical context of Britain between the early 20th century to the post-war period and its relevance to the play.
<b>Food Preparation and Nutrition</b>	Commodity Dairy (Milk, Cheese, Yoghurt) Nutritional Values & Dietary Considerations Classification of Dairy products Special Dietary Considerations Food Provenance & Sustainability Food Hygiene and Safety Food Science Experiments	Commodity: Eggs Covering all the aspects of Nutrition, dietary considerations, food provenance, food hygiene and safety as stated Food Science Experiments: Coagulation/Emulsification/Aeration	Commodity: Fats, Oils and Sugars Covering all the aspects of Nutrition, dietary considerations, food provenance, food hygiene and safety as stated  Food Science: Emulsification/Caramelisation

# Year 10 Curriculum Plan

<b>Subject</b>	Spring Term						
	Gelatinisation						
<b>Geography</b>	GCSE Paper 1: Coasts			GCSE Paper 1: Rivers			
<b>History</b>	British Depth Study (11 – component 1) – 20% Norman Conquest 1065 – 1087 What was Anglo Saxon England really like?		What made William a Conqueror in 1066? Brutal Slaughter! Is this how William gained full control of England?		Early Norman Castles – Military fortresses or a status symbol? The Norman Yoke? What was the impact of conquest on the English by 1087?		
<b>Maths - Higher</b>	Quadratics		Statistics	3D shapes	Probability	Graphs	Congruence/Similarity
<b>Maths - Foundation</b>	Standard form	Graphs (2)	Trigonometry and Bearings	Probability	Percentages	Quadratic equations	Geometry
<b>Music</b>	Developing the necessary skills to perform and compose an original composition, as their first piece of coursework. Students will re-visit the set work, 'Since You've Been Gone' and further develop the associated appraising skills. They will focus on the Area of Study: Film Music.						
<b>Physical Education</b>	Rugby Handball Basketball		Handball Dance Invasion Games			Basketball Field Hockey Table tennis	
<b>Religious Studies</b>	Component 1 Issues of Life and Death Exploring religious and non religious attitudes towards issues of life and death.			Component 1 Issues of Good and Evil Exploring religious and non-religious attitudes towards issues of life and death.			
<b>Science</b>	B Bioenergetics: Two vital biological processes: photosynthesis and respiration		C The Rate and Extent of Chemical changes : Factors that affect rate of reaction such as concentration, temperature, surface area and the effect of catalysts C Organic Chemistry: The basics of hydrocarbons and how we separate crude oil into fractions. The cracking of alkanes to form			P Nuclear Radiation: atomic models, contamination and irradiation. P Forces: resultant forces, speed and acceleration, distance/time and velocity/time graphs, Newton's laws of motion, weight and mass	

# Year 10 Curriculum Plan

Subject		Spring Term	
		alkenes	
<b>Spanish</b>	Educación - Describing school, rules and problems, activities and achievements Jobs and money jobs, work experience, gap years		
Subject		Summer Term	
<b>Art</b>	Students will learn to develop their ideas, producing self-directed/ explorative photoshoots enabling them to derive their own personalised responses to the given theme [AO4]. This will lead towards and inform their end of year Art exam piece.		
<b>Computer Science</b>	2.6 Data Representation Programming Project	2.5 Translators & Facilities	
<b>Creative I-Media</b>	Developing exam techniques		
<b>Design and Technology</b>	Theory Manufacturing processes Revision / year 10 examination	Design & Make activity Begin NEA	
<b>Drama</b>	Working as a professional Students will learn about schedules, rehearsals and minutes of meetings and the importance of deadlines to prepare for component 2	Devising from a stimulus and Devising log Introduction of Component 2 material where students work together to create their own performance GCSE	
<b>English</b>	GCSE English Language- Spoken Language NEA & revision of both papers 1 & 2 Alongside revision, all students will complete their spoken language non-examined assessment in the form of a presentation on a topic of their choice.	GCSE English Literature- Paper 1 Revision Students will return to the texts they have studied in year 9 (Macbeth & Dr Jekyll & Mr Hyde) in preparation for their PPE.	
<b>Food Preparation and Nutrition</b>	Commodity: Cereals Covering all the aspects of Nutrition, dietary considerations, food provenance, food hygiene and safety as stated Food Science Experiments: Dextrinisation	MOCK NEA 2 Individual country /Special Dietary Requirement Including preparing a Three course meal	

# Year 10 Curriculum Plan

Subject	Summer Term									
<b>Geography</b>	GCSE Paper 3: Fieldwork					GCSE Paper 3: Fieldwork				
<b>History</b>	History Around Us (component 2 - 21) – 20% Beaumaris and Edward I Field study Visit – Beaumaris, Anglesey - July				Why did Edward get so angry that he invaded Wales? Why did the Welsh keep rebelling?			Development of the Edwardian Castle – Edwards ego or an essential form of defence? Continuity and Change – Beaumaris from creation to today		
<b>Maths - Higher</b>	Transformations			Constructions		Functions			Bounds	
<b>Maths - Foundation</b>	Proportion and Indices	Arcs and Sectors	SDT	Volume and Area	Transformations	Angles (2)	Fractions (2)	Graphs (3)	Expressions	
<b>Music</b>	Students will complete their first piece of Composition coursework and prepare practical pieces for their first Practical coursework recording. They will focus on the appraising skills associated with the Area of Study: Music for Ensemble and Popular Music									
<b>Physical Education</b>	Volleyball Table Tennis Multi Skills				Striking and Fielding Tennis Athletics					
<b>Religious Studies</b>	Component 1 Issues of Human Rights Exploring religious and non-religious attitudes towards human rights.									
<b>Science</b>	B Ecology: Ecosystems in terms of biotic and abiotic factors. The interdependence of organisms specifically food webs, competition and predation. Field investigations. Biodiversity and the impact of an ever-growing human population in terms of food security and pollution				C Chemical Analysis: During this topic students will learn how chemists analyze substances. This will include chromatography and common gas tests C Using Resources: Finite and renewable resources. Water treatment, carrying out life cycle assessments and how we can reduce, reuse and recycle			P Forces: Terminal velocity, stopping distances, reaction time and momentum. P Magnets and Electromagnets: Magnetic fields and interactions, Earth's magnetic field, electromagnets, the motor effect, Flemings Left Hand Rule.		



# Year 10 Curriculum Plan

Subject	Summer Term
<b>Spanish</b>	Intereses - Talking about interests and sports Talking about what's trending, entertainment and who inspires you Festivales - Comparing festivals, describing a special day, inferring meaning in literary texts