

Curriculum Map – Year 9 - 2019/20

	Autumn Term 1a	Autumn Term 1b	Spring Term 2a	Spring Term 2b	Summer Term 3a	Summer Term 3b
ENGLISH	Explorations in Creative Reading and Writing : Dystopian worlds	The Play – An Inspector Calls (Drama)	Writers' Viewpoints and Perspectives: Social justice and equality	Poetry (Relationships)	Introduction to GCSE study: Shakespeare's Macbeth	Macbeth continued
MATHS	Algebra - coordinates in all 4 quadrants. Recognise and sketch quadratic and linear graphs. Rearrange formulae. Interpret direct and inverse proportion.	Algebra - use $y = mx+c$. Calculate and use gradients in multiple real life contexts. Use graphs to find approximate solutions including simultaneous equations. Recognise and generate geometric sequences.	Geometry - Transformations. Use scale factors and scale diagrams. Geometry – Angles and constructions. Draw and measure line segments and angles. Identify and construct congruent triangles. Construct angle and perpendicular bisectors.	Statistics - scatter graphs and correlation. Draw and analyse frequency polygons. Calculate averages from grouped continuous data. Probability- relative frequency, set notation and venn diagrams. Generate sample spaces.	Number – Standard form and surds. Geometry – Pythagoras & right angled Trigonometry	Geometry – Pythagoras & Trigonometry right angles trigonometry.
SCIENCE	BIOLOGY Unit B1 Cell structure and transport	BIOLOGY Unit B2 Cell Division Unit B3 Organisation and the digestive system	BIOLOGY Unit B3 Organisation and the digestive system Unit B9 Respiration	BIOLOGY Unit B4 Organising animals and plants	BIOLOGY Unit B8 Photosynthesis Unit B7 Non-communicable diseases.	BIOLOGY Unit B7 Non-communicable diseases.
	CHEMISTRY Unit C1 Atomic Structure	CHEMISTRY Unit C2 The Periodic Table	CHEMISTRY Unit C3 Structure and Bonding	CHEMISTRY Unit C7 Energy changes	CHEMISTRY Unit C5 Chemical changes	CHEMISTRY Unit C5 Chemical changes
	PHYSICS Unit P2 Energy transfer by heating	PHYSICS Unit P3 Energy resources Unit P6 Molecules and matter	PHYSICS Unit P6 Molecules and matter Unit P7 Radioactivity	PHYSICS Unit P7 Radioactivity P1 conservation and dissipation of energy	PHYSICS Unit P1 Conservation and dissipation of energy	PHYSICS Unit P1 Conservation and dissipation of energy
GEOGRAPHY	The Uk Physical Landscape This unit begins by looking at an overview of upland and lowland regions of the UK. It then focuses in on coasts, looking specifically at coastal processes, landforms and management. The final section of this unit looks at rivers, again looking at processes, landforms and management. It also looks at the risk of flooding.		Challenges of an Urban World This unit looks at the pressures we face as our population increases, particularly in urban areas. Students study a detailed case study of Rio de Janeiro where they look at the opportunities and challenges of the city and a project that has been put in place to try and improve the lives of the urban poor. The unit then looks in detail at London, again focusing on opportunities and challenges and an example of regeneration, The London Olympics.		Tectonic Hazards This unit looks at Volcanoes and Earthquakes. What are they and where and why do they happen. Why do people live in areas susceptible to them and what can we do to reduce the impacts on people and the environment	Fieldwork In this unit students will be introduced to the geographical enquiry and find out about a range of different primary and secondary data collection techniques that can be used in the field. Students will then participate in a local urban fieldwork trip where they will collect their data as part of their own geographical enquiry.
HISTORY	The Elizabethan Age, 1558-1603 A study of the different aspects of Elizabeth's reign focusing on Elizabethan government, the contrasting lifestyles of rich and poor; and popular entertainment.	The Elizabethan Age, 1558-1603 A study of the different aspects of Elizabeth's reign focusing on religious problems, the Catholic threat and the attack by the Spanish Armada in 1588.	The Elizabethan Age, 1558-1603 A study of the different aspects of Elizabeth's reign, focusing on the extent of the threat posed by the Puritans. Germany in Transition, 1919 - 1939 A study of the problems faced by Germany in the aftermath of the First World War, focusing on the political unrest in the early 1920s.	Germany in Transition, 1919 - 1939 A study of how democracy in Germany finally collapsed and was replaced by dictatorship when Hitler and the Nazis came to power in 1933.	Germany in Transition, 1919 - 1939 A study of how the Nazis consolidated their power between 1933 and 1934; and how their racial, economic and social policies impacted on the lives of the German people between 1933 and 1939.	Germany in Transition, 1919 - 1939 A study of the methods the Nazis used to control the German people and an analysis of the factors which led to the outbreak of the Second World War in 1939.
MFL – French	GCSE Theme 2: Local, national, international and global areas of interest. Module: My town		GCSE Theme 1: Identity and culture. Module: Me, my friends and family		GCSE Theme 2: Local, national, international and global areas of interest. Module: Holidays	
MFL - Spanish	GCSE Theme 2: Local, national, international and global areas of interest. Module: My town		GCSE Theme 1: Identity and culture. Module: Me, my friends and family		GCSE Theme 2: Local, national, international and global areas of interest. Module: Holidays	
RELIGIOUS EDUCATION	The History of Christianity and Christian beliefs about God: Students will receive a deep grounding in the history of Christianity as it emerged out of Judaism during and after the life of Jesus. They will then go on to learn about the nature of God according to Christians.		Christian beliefs: Students will continue to work through the OCR specification as they find out more about what Christians believe about a range of things from worship to prayer and from death and the afterlife to the problem of evil. There will be a lot of emphasis on the diversity of beliefs within different Christian denominations and students will be taught about the key differences between these denominations.		Christian practices: Students will spend this term seeing how the Christian beliefs that they have been finding out about are put into practice by Christians in their everyday lives. There will be a lot of emphasis on the diversity of practices within different Christian denominations.	

COMPUTER SCIENCE	Programming exercises Wired and wireless networks Network topologies, protocols and layers System security	Programming exercises Hardware and software Ethical, legal and environmental impacts Algorithms	Programming exercises Algorithms Basic programming concepts	Programming exercises Advanced programming concepts Computational Logic	Programming exercises Classification of programming languages Systems Architecture Memory and storage	Programming exercises Programming project Mock exam 1 Mock exam 2
BUSINESS	Enterprise and Entrepreneurship Students are introduced to the dynamic nature of business in relation to how and why business ideas come about. They also explore the impact of risk and reward on business activity and the role of entrepreneurship.	Spotting a Business Opportunity Students will explore how new and small businesses identify opportunities through understanding customer needs and conducting market research. They will also focus on understanding the competition.	Putting a Business Idea Into Practice This topic focuses on making a business idea happen through identifying aims and objectives and concentrating on the financial aspects.	Making the Business Effective Students will explore a range of factors that impact on the success of the business, including location, the marketing mix and the business plan.	Understanding External Influences on Business Students are introduced to a range of factors, many of which are outside of the immediate control of the business, such as stakeholders, technology, legislation and the economy.	Growing the Business Students are introduced to methods of growth and how and why business aims and objectives change as businesses evolve. The impact of globalisation and the ethical and environmental questions facing businesses are explored.
PHYSICAL EDUCATION GCSE/BTEC/ SPORTS LEADERS AND CORE PRACTICAL	GCSE – Introduction to course, applied anatomy and physiology BTEC – Unit 4 sports performer in Action. Core : GCSE students focusing on practical sports. BTEC students focusing on understanding of fitness, anatomy and physiology, and knowledge of rules. Sports Leaders – delivery of Level 1 course. Fitness – focusing on understanding of fitness, health, and sustained activity for life.	GCSE – Applied anatomy and physiology BTEC – Unit 4 sports performer in Action Core : GCSE students focusing on practical sports BTEC students focusing on understanding of fitness, anatomy and physiology, and knowledge of rules. Sports Leaders – delivery of Level 1 course. Fitness – focusing on understanding of fitness, health, and sustained activity for life.	GCSE – Movement analysis BTEC – Unit 4 sports performer in action Core : GCSE students focusing on practical sports BTEC students focusing on understanding of fitness, anatomy and physiology, and knowledge of rules. Sports Leaders – delivery of Level 1 course. Fitness – focusing on understanding of fitness, health, and sustained activity for life.	GCSE – Movement analysis BTEC – Unit 2 practical sport (rules and regulations) Core : GCSE students focusing on practical sports BTEC students focusing on understanding of fitness, anatomy and physiology, and knowledge of rules. Sports Leaders – delivery of Level 1 course. Fitness – focusing on understanding of fitness, health, and sustained activity for life.	GCSE – Use of data BTEC – Unit 2 practical sport (rules and regulations) Core : GCSE students focusing on practical sports BTEC students focusing on understanding of fitness, anatomy and physiology, and knowledge of rules. Sports Leaders – delivery of Level 1 course. Fitness – focusing on understanding of fitness, health, and sustained activity for life.	GCSE – Use of data BTEC – Introduction to Unit 1 anatomy and physiology Core : GCSE students focusing on practical sports BTEC students focusing on understanding of fitness, anatomy and physiology, and knowledge of rules. Sports Leaders – delivery of Level 1 course. Fitness – focusing on understanding of fitness, health, and sustained activity for life.

GCSE ART	Foundation Unit: Mark making and 2D Drawing to 3D Design.		Unit 1: Sealife. Students will complete a range of activities based on the theme of “Sealife”. This project will run for the remainder of the year 9 academic year and into year 10. Students will complete a range of drawing, research, photography, painting, 3D and mixed media tasks. They will be required to research a range of artists relevant to the theme and demonstrate analytical written skills in response to their research. The final outcome will be an A2 piece of work showcasing the range of skills learnt throughout the project.			
GCSE DANCE	1: Skills Development: Performance - practical and theoretical exploration of the skills required for effective dance performance (<i>development of solo performance/ written paper section A</i>)	2: Skills Development: Choreography - practical and theoretical exploration of the skills required for dance choreography (<i>solo and group choreography/ written paper section A</i>)	3a Skills Development: critical appreciation of a professional work - analysis and practical exploration of ‘Shadows’ by Christopher Bruce (<i>development of group performance/ written paper section C</i>)	3b: Skills Development: critical appreciation of own work - preparing work for Dance showcase (<i>development of group performance/ written paper section B</i>)	4: Developing Dance Technique in relation to different dance styles - introduction to the 6 Dance anthology works (<i>development of technique in performance/ development of choreographic skills/ written paper section C</i>)	5: Choreographic Project – exploring and unpicking a stimulus (<i>choreographic processes/ written paper section B</i>)
AQA TECHNICAL AWARD IN PERFORMING & PRODUCTION ARTS	Skills Development Performing arts (acting) skills development - vocal and physical skills Production arts skills development - Lighting, set design, sound, costume, stage management, marketing. Second half of Autumn term - Project 1: Devised practice brief 1 Preparation for unit 2. Students are given a stimulus and create an original piece of drama based around it.		Project 2: Blood Brothers - scripted work where students study the well known play of Blood Brothers and then perform extracts from it. Production Arts students will undertaken a production Arts role for the group. Project 3: Devised practice brief 3 Preparation for unit 2 -Devised practice brief 3 Preparation for unit 2. Students are given a stimulus and create an original piece of drama based around it.		Unit 1: Practice brief for performing arts pitch - students create a pitch presentation in a group , based on a theme given by the exam board. Unit 3: Exam practice - Practice for the written paper, revision into production and performing arts.	

GCSE MUSIC	Performance skills development Performing – introduction to ensemble and solo performing skills Performance skills evaluation	Composing skills development Composition - ways to develop compositions Developing melodic material Using a chord sequence How to use a stimulus	AOS 2 - Popular Music Rock Music Pop Music Film and Gaming Music Music of Broadway Beatles Set Works Exploring the area of study through listening, performing and composition.	AOS 4 - Western Classical Tradition 1910 onwards Orchestral Music of Copland British Music Kodaly and Bartok Minimalism Copland set works Exploring the area of study through listening, performing and composition.	AOS 1 - Western Classical Tradition 1600-1910 Coronation Anthems Haydn, Mozart and Beethoven Piano Music of Chopin and Schumann Requiem Haydn Clock Symphony - set work Exploring the area of study through listening, performing and composition.	AOS 3 - Traditional Music Blues Fusions Contemporary British Folk Music Latin Music Santana Set works Exploring the area of study through listening, performing and composition.
3D DESIGN ASSIGNMENT BASED LEVEL 2 BTEC	Client Brief 1 Acrylic phone holder (Product design) Developing knowledge of materials, techniques and processes - plastic Workshop skills and the development of 2D/3D drawing skills The students undertake a design and make task that takes them through the design process and allows them to develop and consolidate their understanding of the subject.		Client Brief 2 Introduction to wood and Joinery Storage project Developing knowledge of materials techniques and processes - wood Workshop skills and the development of 2D/3D drawing skills The students undertake a design and make task that takes them through the design process and allows them to develop and consolidate their understanding of the subject.		Client Brief 3 Metal Public Sculpture Design Developing knowledge of materials techniques and processes - metal Workshop skills and the development of 2D/3D drawing skills The students undertake a design and make task that takes them through the design process and allows them to develop and consolidate their understanding of the subject.	
SKILLS FOR LIFE	At KS4, the Skills for Life programme is delivered through three 'off-timetable' days and complemented by assemblies and tutor activities. All sessions will be age-appropriate and build on concepts from previous years. #1 Relationships and Sex Education Healthy platonic and intimate relationships, family relationships, anatomy and identity, consent, digital issues, contraception and sexually transmitted infections.		#2 Health and wellbeing Mental health, the impact of sleep, diet and exercise on wellbeing, stress and anxiety, self-esteem, body image, the impact of drugs and alcohol on physical and mental health, how and when to get help.		#3 Living together Identities, diversity, cohesive communities, why gangs form and how they operate, combating extremist views, staying safe.	