Queen Elizabeth School

Year 11 Curriculum Map

Ambition • Integrity • Determination • Kindness

Subject	Autumn Term 1	Autumn Term 2
Art	**Student-led Theme** **GCSE COURSEWORK** Students will be given the choice to selected a new theme for exploration this term or to consolidate the previous 2 topics, depending on the success of their 60% Coursework so far. They will need to ensure that they have covered all 4 Assessment Objectives: AO1: Developing Ideas AO2: Experimenting with media and materials AO3: Recording Ideas AO4: Final Outcomes As before students will record their visual journey through both written annotation and practical research and developmental work.	**Topic: Micro Project** **GCSE COURSEWORK** Students will develop a unique, personal response based on a fragment from their previous project/s. They will be encouraged to take risks in their work, alongside building on any previous command of skills and techniques. Students will have the opportunity to undertake a 10hr timed Mock Exam which will give them essential practice for the forthcoming Externally Set Assignment.
Business Studies	**Making marketing decisions** Students will explore how each element of the marketing mix is managed and used to inform and make business decisions in a competitive marketplace. **The Product Life Cycle** Pricing and promotional strategies and distribution channels are all looked at in detail in Year 11, building on what students learnt in Year 10.	**Making operational decisions** This topic focuses on meeting customer needs through the design, supply, quality and sales decisions a business makes. Students will explore the use of technology in these functions particularly for managing stock and ensuring quality control.

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Child Development	**During this half term the following topics will be covered:** 8. The importance of observations in early years childcare 8.1 Observation and recording methods 8.1.1 How observations support child development 8.1.2 Objective and subjective observation 8.1.3 Components of recording observations 8.1.4 Different methods of observation 8.1.5 Sharing observations 9. Planning in early years childcare 9.1 The purpose of a child-centred approach 9.2 The purpose of the planning cycle 9.3 The planning cycle These are the last two content areas before moving on to the Non Examined Assessment	**During this half term the following topics will be covered:** 8. The importance of observations in early years childcare 8.1 Observation and recording methods 8.1.1 How observations support child development 8.1.2 Objective and subjective observation 8.1.3 Components of recording observations 8.1.4 Different methods of observation 8.1.5 Sharing observations 9. Planning in early years childcare 9.1 The purpose of a child-centred approach 9.2 The purpose of the planning cycle 9.3 The planning cycle These are the last two content areas before moving on to the Non Examined Assessment
Computer Science	**Component 2 Section 1 – 2 Algorithms & Programming** •Computational Thinking •Pseudocode •Flowcharts •Search Algorithms •Sorting Algorithms •To be able to solve problems by using flowchart algorithms to come to a logical, in sequence solution	**Component 2 Section 1 – 2 Algorithms & Programming** •Computational Thinking •Pseudocode •Flowcharts •Search Algorithms •Sorting Algorithms •To be able to solve problems by using flowchart algorithms to come to a logical, in sequence solution

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	•To be able to use the flowchart created to provide a pseudocode solution to the original problem •To understand how programmers will use algorithms to design code solutions and program code based from these designs. •To creating algorithms for Sorting and Searching •To understand the PROS and CONS of different sorting and searching computer algorithm methods. •To continue with Python Programming Skills. File Creation, Back end creation, Functions, Lists, Iteration & Selection.	•To be able to use the flowchart created to provide a pseudocode solution to the original problem •To understand how programmers will use algorithms to design code solutions and program code based from these designs. •To creating algorithms for Sorting and Searching •To understand the PROS and CONS of different sorting and searching computer algorithm methods. •To continue with Python Programming Skills. File Creation, Back end creation, Functions, Lists, Iteration & Selection.
Construction WJCE Level 1/2 Award in Constructing the Built Environment	**Identifying resources to complete a construction task and implementing health and safety** Project: Electrical wiring • Plan sequence of work, identify sources, calculate materials, apply techniques and health and safety practices • Con figure and wire a switch and lighting circuit • Circuit must be safe and accord with safety legislation	**Identifying resources to complete a construction task and implementing health and safety** Project: Electrical wiring • Plan sequence of work, identify sources, calculate materials, apply techniques and health and safety practices • Con figure and wire a switch and lighting circuit • Circuit must be safe and accord with safety legislation

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Dance	Students will receive five set stimuli from the AQA exam board. They will pick one stimuli to stimulate their final choreographic dance idea. Students will participate in a full day of dance workshop with an outside artist to create a duet/trio performance piece.	**Devised Coursework/ Mock Exam.** This half term students will complete a written and practical mock exam. In the practical mock exam each student will perform the two set dances, breathe and scoop, their duet/trio performance piece, and their final choreography composition. The written exam is 90 minutes.
Design and Technology	This year GCSE Product Design students continue to develop their long-term contextual challenge projects, ready for submission in April. Core content is taught in single lessons; double lessons are for working on their individual projects.	This year GCSE Product Design students continue to develop their long-term contextual challenge projects, ready for submission in April. Core content is taught in single lessons; double lessons are for working on their individual projects.
Drama	**Devised Coursework Continued** Students will perform their pieces of devised coursework this half term and also complete the written coursework. This is worth 40% of the overall GCSE course. The work is internally marked and externally moderated.	**Devised Coursework/ Mock Exam** This half term students will complete their written coursework and prepare for the November Mock exams. **Mock Exam** As well as this, students will also work towards a November mock exam. In this exam students will answer questions on our set text - Blood Brothers, a piece of Live Theatre they have seen and some multiple choice questions linked to theatre roles and terminology.

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English Language	**GCSE English Language Paper 1 Revision:** responding to the 4 comprehension questions in response to an extract from a work of fiction and 1 creative writing task	**GCSE English Language Paper 1 Revision:** responding to the 4 comprehension questions in response to an extract from a work of fiction and 1 creative writing task
English Literature	**GCSE English Literature Paper 1:** 'Macbeth' by William Shakespeare	**GCSE English Literature Paper 1:** 'Macbeth' by William Shakespeare and re-visiting of 'A Christmas Carol'
Geography	**UK's Human Landscapes** Continuing the GCSE course, we look into the UK human landscape of cities and how they change to suit population needs.	**UK Human Landscape and Fieldwork** Implementing our UK Human knowledge, we look at a local area to investigate a key geographical issue analysing quality of life in communities impacting people and environments.
Health and Social Care	**Component 2 Internal assessment**. Complete Edexcel tasks for each component under supervised conditions. Scaffolding and example materials available to be used. Consolidation of learning.	**Component 2 Internal assessment**. Complete Edexcel tasks for each component under supervised conditions. Scaffolding and example materials available to be used. Consolidation of learning.
History	**GCSE Superpower Relations** A period study on the relationship between the USA and Soviet Union during the Cold War. Students will look at key events in the cold war that led to the fall of the Soviet Union.	**GCSE Medicine Through Time** A thematic study on the development of medicine from c.1250 to the present day. Students will focus on key individuals and their impact on medicine.
Hospitality and Catering	**Health and Safety:** Students will learn about health and safety in hospitality and catering provision of the kitchen and front of house. They will also look at the	**Cooking Skills and Techniques** Students will build on their preparation and cooking skills including different knife skills and cooking techniques.

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	roles and responsibilities of the environmental health officer.	
Mathematics	**Foundation Unit 1 - HCF and LCM** - Checking and securing understanding of factors and multiples - Checking and securing understanding of prime numbers and prime decomposition - Checking and securing understanding of finding the HCF and LCM using Venn diagrams - Checking and securing understanding of HCF and LCM in context **Foundation Unit 2 - Fractions and Percentages** - Checking and securing understanding of converting fractions, decimals and percentages - Checking and securing understanding of addition and subtraction of fractions - Checking and securing understanding of multiplication of fractions - Checking and securing understanding of division of fractions - Checking and securing understanding of fractions of amounts - Checking and securing understanding of percentages - Checking and securing understanding of percentage increase and decrease	**Foundation Unit 4 - Sequences** - Checking and securing understanding of term-to-term rules - Checking and securing understanding of finding the nth term of an arithmetic sequence - Checking and securing understanding of calculating any term in a sequence - Problem solving with sequences **Foundation Unit 5 - Function machines and equations** - Checking and securing understanding of function machines - Checking and securing understanding of substituting values into algebraic expressions - Checking and securing understanding of one and two-step linear equations - Checking and securing understanding of linear equations with unknowns on both sides - Checking and securing understanding of linear equations with brackets - Checking and securing understanding of linear equations with fractions - Problem solving with equations - Checking and securing understanding of simultaneous equations - Problem solving with simultaneous equations

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	- Checking and securing understanding of finding the original amount after a percentage change - Checking and securing understanding of finding the percentage change - Checking and securing understanding of simple interest - Checking and securing understanding of compound interest **Foundation Unit 3 - Angles** - Checking and securing understanding of basic angle rules - Checking and securing understanding of triangles - Checking and securing understanding of formal angle notation - Missing angle problems - Checking and securing understanding of angles on parallel lines - Missing angle problems on parallel lines - Checking and securing understanding of exterior angles of a polygon - Checking and securing understanding of Interior and exterior angles of regular polygons - Problem solve with polygons	**Higher Unit 5 - Sequences** - Checking and securing understanding of sequences and nth term rule - Checking and securing understanding of calculating any term in a sequence - Checking and securing understanding of other sequence - Quadratic sequences **Higher Unit 6 - Graphs and transformation of graphs** - Checking and securing understanding of plotting and drawing quadratic graphs - Checking and securing understanding of using graphs to find values - Checking understanding of completing the square - Finding the turning point of a graph by completing the square - Cubic, reciprocal and exponential graphs - Translating graphs - Reflecting graphs - Graphs of trigonometric functions

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	Higher Unit 1 - Recurring decimals to fractions - Checking and securing understanding of converting decimals and fractions - Converting recurring decimals to fractions using algebra - Problem solving with recurring decimals to fractions **Higher Unit 2 - Algebraic fractions** - Checking and securing understanding of factorising expressions - Checking and securing understanding of factorising quadratic expressions - Simplifying algebraic fractions by cancelling out common factors - Simplifying algebraic fractions by factorising - Checking and securing understanding of multiplying and dividing fractions - Multiplying algebraic fractions - Dividing algebraic fractions - Checking and securing understanding of addition and subtraction of fractions - Adding and subtracting algebraic fractions - Problem solving with algebraic fractions **Higher Unit 3 - Circle theorems** - Angles subtended at the centre or circumference of a circle - Angles in segments and quadrilaterals	

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	- Circle theorems for chords and tangents - Alternate segment theorem - Mixed circle theorem practice - Circle theorem proofs **Higher Unit 4 - Functions and iteration** - Substituting into functions - Substituting into and finding composite functions - Inverse functions - Problem solving with functions	
Modern Foreign Languages (MFL) French and Spanish	**Bon travail** THEME 4 Future aspiration, study and work (Work & ambitions). Using language beyond the classroom this module develops the topic of work from year 9. It allows students to learn vocabulary and structures to write and speak about their future plans and dreams through understanding others speak about theirs. It also allows students to express reasons and benefits for studying a foreign language. **¡A currar!** THEME 4 Future aspirations study and work (Using languages beyond the classroom) Students learn about the world of work. They build on skills learnt in Year 9 about work and	**Un oeil sur le monde** THEME 5 - International and global dimension (Bring the world together; environmental issues) Within this final module of study, students are able to bring together their learning to develop skills of descriptions, opinions and thoughts on a range of issues wider than themselves and their own communities. They are able to talk about issues that affect and concern them most along with environmental issues. They can also talk about their future dreams and plans. **Hacia un mundo mejor** Within this final module of study, students are able to bring together their learning to develop skills of descriptions, opinions and thoughts on a range of issues wider than themselves and

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	use a variety of tenses to describe their future aspirations and work	their own communities. They are able to talk about issues that affect and concern them most along with environmental issues. They can also talk about their future dreams and plans.
Music	**Unit 1 - Performing** Students will have their 2 performances recorded within the first few weeks of the term. This is their performance exam which will be sent off to the exam board. **Unit 2 - Composing** Brief released in September 2023 Students will build on the composition techniques and musical features learnt in Summer 2. -Melody -Texture -Tonality -Metre -Scores/Lead Sheets -Sonority -Rhythm -Pitch -Articulation -Tempo -Dynamics -Harmony -Form and Structure	Students will continue their composition task. Students will showcase or perform their composition to the class and they will write a self-evaluation of their creative process and final creation, including areas that they would need improving/developing including justifications for their decisions. They will provide constructive feedback to others using extensive musical terminology and analysis. **Unit 3 - Appraisal** Students will have their second mock paper this half term.

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	Students will use their composition paper to explore different ideas and how to compose. They will then input their ideas into LogicPro to hear their composition take shape. Their practical is backed up with research into the brief and exploration of compositional ideas.	
PE	**Boys A** Students will take part in football, focusing on developing technical skills, tactical knowledge, and improving overall health and fitness through competitive gameplay. **Boys B** Students will take part in basketball, focusing on improving ball handling, teamwork, tactical awareness, and physical fitness through competitive games. **Girls A** Students will take part in netball and fitness activities, combining game-based learning with training to improve cardiovascular endurance, muscular strength, and technical gameplay. **Girls B** Students will participate in fitness and netball, focusing on physical development through	**Boys A** Students will take part in fitness training to improve their overall health and wellbeing, following a structured programme aimed at developing cardiovascular endurance, muscular strength, and general fitness. **Boys B** Students will take part in fitness training to improve their overall health and wellbeing, following a structured programme aimed at developing cardiovascular endurance, muscular strength, and general fitness. **Girls A** Students will take part in bench ball and Just Dance, using team-based and expressive activities to stay active, improve coordination, and enjoy movement in an inclusive environment. **Girls B**

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	structured training and applying technical and tactical skills in netball matches.	Students will take part in Just Dance and bench ball, promoting lifelong physical activity through fun, energetic games and dance-based routines that develop teamwork and rhythm.
Philosophy, Religion & Ethics	**Christianity Practices** In this half of the module students study how Christians put their faith into action. They consider worship and prayer, the sacraments of baptism and Eucharist. They then study 2 different places of pilgrimage. Students then consider how Christian faith can influence a person to behave in the community. They study the role of the church in communities, actions toward world poverty and evangelism Main Skill theme - AO1 skills of describe and explanation of influence. AO2 - Evaluation and justification of arguments.	**Existence of God and Revelation** In our first half term of year 11 we will be investigating the biggest question of Philosophy throughout history; Is there a God? We will be looking at evidence from Philosophy such as the Design argument and the argument from first cause but also from science such as the work of Charles Darwin. We will also be considering a middle ground with those who believe science and religion can be both true. Main Skill theme: AO2 - Evaluation and justification of arguments.
PSHE	**This topic half term students will be preparing for Post 16 covering:** • application processes • skills needed for further education, employment and career progression • planning for an interview • how to use feedback constructively when planning for the future about options post-16 and career pathways about application processes, including	This half term will concentrate on preparing students for: • revision skills • revision timetable • managing time • keeping healthy during Year 11 • mental health • assess risks and reduce vulnerability to becoming involved

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	writing CVs, personal statements and interview technique • how to maximise employability, including managing online presence and taking opportunities to broaden experience • about rights, responsibilities and challenges in relation to working part time whilst studying	• how to assess and evaluate the behaviours and influence of role models • how personal values influence decisions and behaviour in all aspects.
Science	**B7 - Ecology Recap (GCSE Content)** Students will recap content covered in Year 9 for this topic to ensure students are able to retain the knowledge from the previous year. Content covered in this topic: Students will be building on previous knowledge about ecosystems and predator and prey relationships. this will then enable students to begin to see how animals and plants are adapted for survival within their environments. Once this has been mastered students can look at how our use of land has changed, how global warming is affecting environments and pollution. **P5 - Forces** Students will be studying Newtons 3 law and how these can be applied to moving objects. Students will expand into an investigation for acceleration and how force applied to an object can affect it acceleration and speed. Momentum	**C7 - Organic Chemistry** Students will be identifying the different products from crude oil and how fractional distillation can be used to obtain the different products. Students will get familiar with key terms like cracking, alkenes, alkanes and hydrocarbons. Students will also compare the difference in properties between the products from crude oil. **B5 - Homeostasis and Response (GCSE Content)** Students will be studying about how our body responds to stimulus with our nervous system and our endocrine system. Students will also look at certain factors we need to keep constant in our bodies in order to survive. **P6 - Waves** Students will be comparing transverse waves and longitudinal waves, analysing the properties of each and how we can calculate wave speed.

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	and conservation of momentum will also be covered.	This will lead into an investigation for students looking at the frequency and wavelength of a wave in a ripple tank. Students will then study electromagnets and how we can use them. **C9 - Chemistry of the Atmosphere** Students will be studying the composition of the Earth's atmosphere, how this has evolved over the years and how human activity has contributed to the greenhouse effect. Students will then develop their knowledge of what a carbon footprint is and common atmospheric pollutants.
Sports Studies	**Practical Performance Analysis and Leadership** R185: Organising and planning a sports activity session. • Safety Considerations • Objectives to meet • Factors when planning R185: Leading a sports activity session. • Leadership styles • Delivery styles Lessons: Single theory, double theory computer room workshop.	**Practical Performance Analysis and Leadership** R185: Organising and planning a sports activity session. • Safety Considerations • Objectives to meet • Factors when planning R185: Leading a sports activity session. • Leadership styles • Delivery styles R185: Reviewing own performance in planning & leading sports activity session. • Reviewing planning • Reviewing leadership

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		Coursework R185: NEA Assessment in Jan. Students to submit R185 coursework in Jan. Lessons: triple theory computer room workshop.