

Year 10 Curriculum Content 2023-24

Year 10 Curriculum Content	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
English	Literature An Inspector Calls	Language Paper 1	Literature Power and Conflict Poetry	Language Paper 2	Macbeth	Revision for Mocks
Maths	Arithmetic, basic algebra and statistics	Fractions and Order of Operations Patterns and Generalising Data Interpretation and Representation Angles, 2D shapes and Similarity & Congruence	Angles, 2D shapes and Similarity & Congruence	Substitution, Solving Equations and Simultaneous Equations Probability Scale, Experimental Probability, Combined Probability	Co-ordinates Graphical Representation Transformations Proportion and Ratio	Revision and preparation for Y10 mocks
Science	B5 – Communicable diseases, C4 Chemical calculations. P5 Electricity in the home, P6 Molecules and matter	B6 Preventing and treating disease, B6 on-communicable diseases C5 Chemical changes, C8 Electrolysis, P7 Radioactivity	B8 Photosynthesis, C7 Energy changes P8 Forces in balance	B9 Respiration B10 The nervous system C8 Rates and Equilibrium P9 Motion P10 Forces and motion	B11 Hormonal control C13 The Earth's atmosphere P11 Forces and pressure	C14 The Earth's resources Year 10 mock exams
DT with timbers	Project 1: Child's chair: Theory: Specialist timber unit NEA practice pages: Context mapping, Client profiles, isometric sketching, model development Practical skills: Mortise and tenon joints, temporary joining methods, jigsaw, wood turning		Project 2: Clock: Theory: Core theory NEA practice pages: Iterative design and development, designing from inspiration, CAD/CAM. Practical skills: Wood forming with flexi ply, CAD/CAM, dowells		Project 3: Bluetooth Speaker: Theory: Core theory and design and making principles NEA Practice pages: Designing using inspiration from another designer, exploded views. Practical skills: Various depending on the student	
Art	NEA - Observational workshops	NEA - Artist response Development and experimental workshops	NEA - Artist response Development and experimental workshops	NEA - Printmaking workshops Artist response	NEA - Artist response Development and experimental workshops	NEA - Mock exam Exam analysis in portfolios A01, A02, A03 and working towards A04
Architecture	NEA component 1 – Natural form dwellings, modelling and initial ideas including CAD.	NEA component 1 – Natural form dwellings, modelling and initial ideas including CAD.	NEA component 1;; Window investigation	NEA component 1. Window development including 3D model.	NEA component 1: Building investigation including initial ideas, CAD and modelling	NEA component 1: Building investigation including initial ideas, CAD and modelling
History	Edexcel Thematic Study: Medicine, c.1250-present	Edexcel Thematic Study: Medicine, c.1250-present and the Historic Environment: The British Sector of the Western Front, 1914-1918.	Edexcel Period Study: Superpower Relations and the Cold War, 1941-1991.	Edexcel Period Study: Superpower Relations and the Cold War, 1941-1991.	Edexcel Period Study: Superpower Relations and the Cold War, 1941-1991. Mock exam preparation.	Mock exam. Edexcel British Depth Study: Early Elizabethan England, 1558-1588.
Geography	AQA: Economic world	AQA: Physical landscapes of the UK	AQA: Urban Landscapes	AQA: Physical landscapes of the UK:	Field work	AQA resource management

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	Economic development and quality of life Reducing the development gap Economic development in Nigeria Economic change in the UK	1. Physical diversity of the UK 2. River Landscapes	The global pattern of urban change Urban growth in Nigeria Urban challenges in the UK Sustainable development of urban areas	2. Coastal Landscapes		Global Resource management Resources in the UK Food Energy
Computing	Boolean Logic Units Data Storage Computational Thinking	Data Storage Designing, Creating and Refining Algorithms	Architecture of the CPU Programming Fundamentals Data Types CPU Performance	Embedded Systems Programming Fundamentals Primary Storage Secondary Storage Additional Programming Techniques	Additional Programming Techniques Secondary Storage Network and Topologies	Networks and Topologies Wired and Wireless Networks Protocols and Layers Practical Programming
French	Unit 2: Technology, advantages & disadvantages of social media	Unit 4: Festivals and traditions. Present & past tenses.	Unit 5: Home, local area and region.	Unit 5: Home, local area and region.	Unit 8: Holidays and tourism, present, perfect, imperfect & future tenses.	Unit 8: Holidays and tourism, present, perfect, imperfect & future tenses.
German	Unit 2: Technology, advantages & disadvantages of social media	Unit 4: Festivals and traditions. Present & past tenses.	Unit 5: Home, local area and region.	Unit 5: Home, local area and region.	Unit 8: Holidays and tourism, present, perfect, imperfect & future tenses.	Unit 8: Holidays and tourism, present, perfect, imperfect & future tenses.
Food	Food hygiene and safety, pathogens and contaminants, cake making methods, diet & nutritional analysis, macro nutrients, lipids (fats). Practical skills: using proteins in main dishes, methods of sauce making, world cuisine.	Food science: the function of fats in food (mock NEA1). Proteins: in recipes, nutritional value, tenderisation, marination and denaturation. Fish: nutrition and provenance. Carbohydrates: Starches and sugars. Bread making: practical, fermentation & gluten food science. Traditional Christmas foods practical. Function of water.	Fibre: sources and function. Nutrient deficiencies. Seasonality and food miles. Micro nutrients: vitamins and minerals – sources and function. Dietary needs: allergies and intolerance, leading to Mock NEA 2 – Plan, prepare, present, evaluate to a brief. Seasonal practical dishes.	Energy balance. Raising agents: raising agent practical. Processed/Organic/GM produce and animal welfare. Dietary needs: age groups. Enriched doughs. Relevant practical recipes.	Commodities: eggs, dairy, cereals. Factors affecting food choice. Pastry: filo, rough puff, shortcrust. Food labelling: laws & legislation. Food preservation, food processing. Sensory testing methods.	Heat transfer. Cooking methods. Why we cook food. Food safety: bacteria in detail. Cheese and yogurt. Effects of cooking on food. Exam practice. Dextrinisation, caramelisation, the Maillard reaction, enzymic browning. Food styling and presentation.
PE						
Music	Introduction to the course, essential music theory requirements, Practical workshops and research projects on music from the 1950's to the present. Learning to use music technology.		Component 1 NEA (Non-Exam Assessment) 30% of course. Assignment brief set by exam board testing skills developed in Term 1.		Preparation for Component 2 – skills development. Practical workshops developing playing skills and/or music technology skills.	Preparation for Component 2 – skills development. Practical workshops developing playing skills and/or music technology skills.

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Drama	Introduction to Drama at GCSE, initial lessons focus on Physical Theatre, Brecht and Berkoff (practitioners)	Introduction of Component 1 exam set text Noughts and Crosses, students examine this through practical workshops and written answers	Introduction to the Component 2 devised examination. Focus spent on learning how to devise from a given stimulus and recapping of practitioners studied in September	Component 2 devising drama begins, counts for 40% of final mark and uses a given stimulus for students to create a performance 10% performance 30% written log	Continuation of Component 2 performances, written elements also included in this for students to show an understanding of how they have created a performance in a specific style	Completion of Component 2 in early June Revision of Noughts and Crosses set text to sit mock examination
Enterprise and Marketing	NEA R068 Design a business proposal	NEA R068 Design a business proposal.	NEA R068 Design a business proposal	NEA R069 Market and Pitch a business proposal	NEA R069 Market and Pitch a business proposal.	NEA R069 Market and Pitch a business proposal.
Health and Social Care	R032: Introduction to health and social care, HSC settings, HSC practitioners, the rights of the service user. R033: Life stages and development milestones.	R032: Person centred values and the 6 C's. R033: PIES, and factors affecting growth and development.	R032: Communication methods – verbal, non-verbal, special methods of communication. R033: Expected and unexpected life events, real life case study.	R032: Safeguarding R033: Sources of support and support roles, Individual needs and personalised support, applying the person centred values.	R032: Infection prevention and control, personal cleanliness and hygiene, Personal protective equipment. Exam practice.	R032: Safety procedures and measure. Security procedures. First aid training. Careers. Exam practice.
Core Support						
Creative Media Production	Introduction to the course, looking at the purpose of media products and how audiences react to them. Practical workshops and research projects/case studies. Learning to use photo editing software.	Mini mock of Component 2 (Components 1 and 2 can be completed out of sequence, 2 before 1 is common practice in many schools). Create a magazine cover and article to a given brief.	Component 2 NEA (Non-Exam Assessment) 30% of course. Assignment brief set by exam board testing skills developed in Term 1.	Component 2 NEA (Non-Exam Assessment) 30% of course. Assignment brief set by exam board testing skills developed in Term 1.	Preparation for Component 1 –research media products: Audio/Visual; Print/Publishing; Interactive. Learn to analyse films, posters and magazines.	Preparation for Component 1 –research media products: Audio/Visual; Print/Publishing; Interactive. Learn to analyse films, posters and magazines.