

Year 11 Mock Examinations

Subject	Summary of Exam (Type/length)	Topic content	
Art and Design	5 hour controlled assessment over 2 sessions	Personal concept from component 1 project. There will be a tutorial session with each teacher to discuss the approach to the exam and choose relevant imagery.	
Biology Separate sciences	GCSE Paper 1 1 hour 45 minutes	Topic 1: Key Concepts in biology Topic 2: Cells and Control Topic 3: Genetics Topic 4: Natural Selection and genetic modification Topic 5 : Health, disease and the development of medicines	
Business Enterprise	External Assessment Component 1 hour 30 minutes	Supply and Demand Pricing Strategies Market research E-commerce Recruitment Motivation and Productivity Methods of Production Quality	Cash Flow Profit calculations Break – Even Analysis Sources of finance Types of Growth Economies of Scale The External Environment Business Plans
Business	GCSE Paper 1 Investigating small business 1 hour 30 minutes	Market mapping Economic factors: Interest rates Business ownership Business location Customer needs Roles of entrepreneurs Break even calculations Ways Businesses compete Legal obligations of Businesses Added value	Calculating revenue costs and profit Sources of finance for small businesses Sources of business ideas Business plans Financial and non-financial aims Cash flow forecasts Market research Marketing mix Stakeholders
Chemistry Separate sciences	GCSE Paper 1 1 hour 45 minutes	Topic 1: Key concepts in Chemistry Topic 2: States of matter and mixtures Topic 3: Chemical changes Topic 4: Extracting metals and equilibrium Topic 5: Separate Chemistry 1	
Computer Science	Two 90 minute written exams, each of which is non-calculator-based.	Paper 1 Systems architecture, Memory and storage, Computer networks, connections and protocols, Network Security, Systems software, Ethical, legal, cultural and environmental impacts of digital technology Paper 2 Algorithms, Programming fundamentals, Producing robust programs, Boolean logic, Programming languages and Integrated Development Environment	

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Design Technology	1 hour 30 minutes exam paper	<p>Students will need to revise all theory content which includes the following material areas:</p> <ul style="list-style-type: none"> • Timber • Paper and Board • Polymers • Metals • Composites • Natural and synthetic textiles • Input, process and outputs • Modern materials • Smart materials • Types of motion • Cams, linkages, gears • Felling, conversion and seasoning • Specialist processes- routing and turning • Primary and secondary research techniques • Completing a product analysis • Writing a specification
English Language	<p>Paper 2 Questions 1-5 1 hour 45 minutes</p> <p>Paper 1 Question 5 45 minutes</p>	<p>Paper 2 Q1 – Shade 4 true statements Q2- Compare two things Q3- Analyse language Q4 – Compare the way writers think and feel and how you know Q5 – Write to argue an opinion</p> <p>Paper 1 Q5 – Write to describe</p>
French	<p>Paper 1 - Listening Foundation 35 minutes</p> <p>Higher 45 minutes</p> <p>Paper 2 - Speaking Conducted on Tuesday 28th and Thursday 30th November</p> <p>Paper 3 - Reading Foundation 50 minutes</p> <p>Higher 60 minutes</p> <p>Paper 4 – Writing Foundation 1 hour</p> <p>Higher 1 hour 15 minutes</p>	<p>Students will be sitting either a Higher or a Foundation mock GCSE. This decision will be based on their target grades and general progress at this stage.</p> <p>Paper 1 and paper 3 – No content information can be communicated due to the nature of the papers.</p> <p>Paper 2 – You will need to pick a theme for the first part of your conversation, the other 2 themes will be covered by</p> <ul style="list-style-type: none"> • the photo card, and • the second part of the conversation. • There will also be a role play. <p>Paper 4 Specific topics to revise:</p> <ul style="list-style-type: none"> • Free time (unit 3) • Celebrations (unit 4) • Local area (unit 5) • Holidays (unit 8) • School life (units 9-10)

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Geography	<p>1 Paper</p> <p>A combination of paper 1,2 and 3</p> <p>1 hour 30 minutes</p>	<p>Paper 1 topic – UK Physical Landscapes</p> <ul style="list-style-type: none"> • UK Landscapes • Coastal and fluvial (river) processes (weathering, mass movement, erosion, transportation, deposition) • Coastal landforms of erosion and deposition • Coastal management strategies (hard and soft engineering) including Holderness • Fluvial (river) landforms of erosion and deposition • Physical and human causes of flooding and hydrographs • Flood management strategies including Jubilee River <p>Paper 2 topic – Urban Issues and Challenges</p> <ul style="list-style-type: none"> • Patterns of urban change • Rio de Janeiro (NEE major city) - importance, cause of growth, opportunities and challenges of growth, management of growth, urban planning • Birmingham (UK city) - importance, cause of growth, opportunities and challenges of growth, Longbridge regeneration • Features of sustainable living • Urban transport strategies <p>Paper 3 topic – Fieldwork</p> <ul style="list-style-type: none"> • Location, risk, sampling, data collection, data presentation, data analysis, conclusion, evaluation
Health and Social Care	n/a	No mock to be completed. Students have completed two controlled assessments for this subject in October and November.
History	<p>Paper 1</p> <p>Crime and Punishment through time, and Whitechapel</p> <p>1 hour 15 minutes</p> <p>Paper 2</p> <p>Superpower relations and the Cold War</p> <p>55 minutes</p>	<p>Paper 1</p> <p>Students will need to revise ALL content for Crime and Punishment, including Whitechapel.</p> <p>Paper 2</p> <p>Students will need to revise ALL content for the Cold War.</p> <p>Revision lists will be provided.</p> <p>Students WILL have a structure sheet for Paper 1, but NOT for Paper 2.</p>

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iMedia	R093-Creative imedia in the media Industry 1 x written paper 1 hour 30 minutes	Topics include:- <ul style="list-style-type: none"> • Products in the media Industry • Audience Segmentation • Mind Maps • Regulation, Certification and Classification • Creative Imedia Roles • Purposes of Media Products • Target Audience • Components of Work Plans • Storyboards • Mise en Scene, Audio and Animation • Primary and Secondary research • Legal considerations • Visualisation Diagrams Revision materials will be provided by online platform OneNote-Students are familiar with this way of working	
Mathematics	3 x 90 minute papers 1 non-calculator 2 calculator	Separate revision lists will be provided detailing topics to prepare	
Media	GCSE Component 1 Paper 90 minutes	All Component 1 topics (with the exception of newspapers): <ul style="list-style-type: none"> • Print adverts (This Girl Can & Quality Street) • Magazines (GQ & Pride) • Video Game (Fortnite) • Film posters (MWTGG & NTTD) • Film industry (James Bond) • Radio (The Archers) Questions to cover: media language, representation, media industries, audiences	
Music	Component 3: Appraising Music 75 minutes	6 x Listening questions on set works (Purcell, Defying Gravity, Beethoven, Bach, Samba, Queen) 1 x dictation paper (rhythm and melody) 1 x unfamiliar listening 1 x extended writing question, comparing two pieces	
PE GCSE	Paper 1 Physical factors affecting performance 60 minutes Paper 2 Socio Cultural issues and sports Psychology 60 minutes	Paper one Skeletal System Synovial joints Movement at joints Components of a joint Muscular system Muscle movement Levers Planes of movement Axis of rotation Double circulatory system Blood vessels Heart definitions Vascular shunt Respiratory system Breathing Breathing definitions Gaseous Exchange Anaerobic and Aerobic	Short term effect of Exercise Long term effect of Exercise Components of fitness Principles of training Types of training Warm ups/ cool downs Preventing injury Paper two Commercialisation/media Participation in PA/Sport Current trends in participation Ethics/Drugs and violence Skillful movement Goal setting Mental preparation Guidance/Feedback Diet/Nutrition Health and well-being

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Physics Separate sciences	GCSE Paper 1 1 hour 45 minutes	Topic 1: Key concepts in physics Topic 2: Motion and forces Topic 3: Conservation of energy Topic 4: Waves Topic 5: Light and the electromagnetic spectrum Topic 6: Radioactivity Topic 7: Astronomy
Religious Education	90 Minute Paper based on content from Year 10: Component 1: Catholic Theology Themes 1 & 2: Origins & Meanings and Good & Evil	Please refer to separate document for information and guidance.
Combined Science Biology	GCSE Paper 1 1 hour 10 minutes	Topic 1: Key Concepts in biology Topic 2: Cells and Control Topic 3: Genetics Topic 4: Natural Selection and genetic modification Topic 5 : Health, disease and the development of medicines
Combined Science Chemistry	GCSE Paper 1 1 hour 10 minutes	Topic 1 : Key concepts in Chemistry Topic 2: States of matter and mixtures Topic 3 : Chemical changes Topic 4: Extracting metals and equilibrium
Combined Science Physics	GCSE Paper 1 1 hour 10 minutes	Topic 1: Key concepts in physics Topic 2: Motion and forces Topic 3: Conservation of energy Topic 4: Waves Topic 5: Light and the electromagnetic spectrum Topic 6: Radioactivity