Year 11 Mock Examinations

Subject	Summary of Exam (Type/length)	Topic content
Art and Design	5 hours	Students will have 5 hours to produce a **final piece** based on the theme *Figure and Portrait*, linked to your own chosen idea. This will bring all your work together, (sketches, experiments, and research). Your final outcome should clearly **show what you've learned**, **express your own thoughts**, and **link to your theme.** This will help you meet **AQA AO4**, which is all about showing a personal and creative response.
Biology Separate sciences	**Paper 1** 100 marks 1 hour 45 minutes	Paper 1 will include the following content. **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	No mock due to continuous assessment	
Business	**Paper 1** 90 Marks 1 hour 45 minutes	Paper 1 consists of all year 10 content. Specifically, you should focus on the following topics for revision: **1.1** Risks and rewards, USP, Value added, how/why new business ideas come about **1.2** Marketing Mix, Market research, Market mapping, competition **1.3** Sources of finance, costs, revenue and profit calculations, cash flow forecasting **1.4** Types of ownership, technology in business, location **1.5** External influences: tax, interest rates, unemployment, inflation
Chemistry Separate sciences	**Paper 1** 100 marks 1 hour 45 minutes	Paper 1 will include the following content. **Topic 1:** Key Concepts in chemistry **Topic 2:** States of matter and mixtures **Topic 3:** Chemical changes **Topic 4:** Extracting metals and equilibria **Topic 5:** Separate Chemistry 1
Computer Science	**Paper 1** Computer systems 1 hour 20 minutes **Paper 2** Computational thinking, algorithms and programming 1 hour 20 minutes	Paper1 will include: 1.1 Systems architecture 1.2 Memory and storage 1.3 Computer networks, connections and protocols 1.4 Network security 1.6 Data representation Paper 2 will include: 2.1 Algorithms 2.2 Programming fundamentals 2.3 Producing robust programs 2.4 Boolean logic 2.5 Programming languages

Subject	Summary of Exam (Type/length)	Topic content
Design Technology	1 hour 30 minutes Covering the theory material studied so far	For the following material areas, students need to know definitions, examples, properties, and applications: • Hardwoods, softwoods and man made boards • Ferrous and non ferrous metals • Alloys • Thermoforming and thermosetting plastics • Composites • Smart and modern materials • Natural and synthetic textiles • Blended, mixed, woven and non woven textiles • Technical textiles • Types of motion • Mechanical devices: levers, cams, gears, pulleys **Modelling:** why designers make models and prototypes, materials and processes used **Product analysis:** Students need to be able to carry out a product analysis and compare and contrast products considering function, materials, ergonomics, aesthetics, manufacture, H&S, the environment, social/cultural/ethical issues
English Language	English Language Paper 2 Full paper 1 hour 45 minutes English Language Paper 1 Question 5 only 45 minutes	**Paper 2: Non Fiction** Q1: (4 marks) Find 4 true statements about the text Q2: (8 marks) Compare across two extracts Q3: (12 marks) How does the writer use language to... Q4: (16 marks) Compare the feelings, perspectives and ideas of the two writers Q5: (40 marks) Writing to argue and persuade **Paper 1: Fiction** Q5: (40 marks) Writing to describe and narrate Skills Assessed: **Reading** AO1: Identify and interpret explicit and implicit information and ideas. • Select and synthesise evidence from different texts. AO2: Explain, comment on and analyse how writers use language and structure to achieve effects and influence readers, using relevant subject terminology to support their views. AO3: Compare writers' ideas and perspectives, as well as how these are conveyed, across two or more texts. AO4: Evaluate texts critically and support this with appropriate textual references. **Writing** AO5:

Subject	Summary of Exam (Type/length)	Topic content
		• Communicate clearly, effectively and imaginatively, selecting and adapting tone, style and register for different forms, purposes and audiences. • Organise information and ideas, using structural and grammatical features to support coherence and cohesion of texts. AO6: Candidates must use a range of vocabulary and sentence structures for clarity, purpose and effect, with accurate spelling and punctuation.
French	**Listening** Higher 45 minutes Foundation 35 minutes **Reading** Higher 1 hour Foundation 45 minutes **Speaking** 20 minutes **Writing** Higher 1 hour 15 minutes Foundation 1 hour	List of topics covered in the four papers **Theme 1** Topic 1: Identity and relationships with others Topic 2: Healthy living and lifestyle Topic 3: Education and work **Theme 2** Topic 4: Free-time activities Topic 5: Customs, festivals and celebrations Topic 6: Celebrity culture **Theme 3** Topic 7: Travel and tourism, including places of interest Topic 8: Media and technology Topic 9: The environment and where people live **Skills assessed**: AO1: understand and respond to spoken language in speaking and in writing AO2: understand and respond to written language in speaking and in writing AO3: demonstrate understanding and accurate application of the grammar and vocabulary prescribed in the specification.
Food Studies		• CA1 Health and safety relating to food, nutrition and the cooking environment • CA2 Food legislation and food provenance • CA3 Food groups, key nutrients and a balanced diet • CA4 Factors affecting food choice • CA5 Food preparation, cooking skills and techniques • CA6 Recipe amendment, development and evaluation
Geography	90 Minutes A combination of topics from Paper 1, paper 2 and paper 3	**Paper 1 Topic: UK Physical landscapes** • Coastal processes (weathering, mass movement, erosion, transportation, deposition) • Coastal landforms (headlands, bays, wave cut platforms, caves, arches, stacks, beaches, dunes, spits and bars) • Coastal management (hard and soft engineering) • Coastal management example (**Holderness)** • River processes (erosion, transportation, deposition) • Landforms (interlocking spurs, waterfalls, gorges, meanders, ox bow lakes, levees, flood plains and estuaries

Subject	Summary of Exam (Type/length)	Topic content
		• Flood management (hard and soft engineering) • Flood management example (**Jubilee flood relief channel).** **Paper 2 Topic: Urban Issues and Challenges** • Urban trends in HICS and LICS • Urban growth creates opportunities and challenges for cities in LICS and NEES (**Rio de Janeiro**) • Urban changes in cities in the UK leads to a variety of social, economic and environmental opportunities and challenges (**Birmingham)** • Urban sustainability requires management of resources and transport. **Paper 3 Topic: Fieldwork (Human and unseen)** • How has the regeneration of Longbridge impacted the locality? • The six stages of fieldwork (Planning, data collection, data presentation, data analysis, conclusion, evaluation
History	Two Exam Papers **Crime and Punishment** 1 hour 20 minutes **Cold War** 55 minutes	**Paper 1** Whitechapel and Crime and Punishment through time. Revise all content from Anglo-Saxons (c1000) up to Industrial Revolution (1800s) **Paper 2** Cold War. Revise all content from 1945 – 1991 **Skills being assessed:** AO1 (Knowledge) AO2 (Analysis of Second Order Concepts e.g. Cause and Consequence) AO3 (Source analysis and Evaluation)
Mathematics	Three full assessment papers Each paper is 1 hour 30 minutes in duration	Paper 1 - Non-Calculator Paper 2 – Calculator Paper 3 – Calculator Revision lists differ by tier, have been emailed to H Hearnden. Revision lists include dates of all three assessments on them.
Media	Component 1 Full Paper 1 hour 30 minutes	Students should prepare all of the Component 1 texts they have covered so far: **Section A** • Print adverts (This Girl Can & Quality Street) • Magazines (GQ & Vogue) • Film marketing (NTTD & MWTGG) **Section B** • Film industry (James Bond franchise) • Video games (Fortnite) • Radio (The Archers) There will be questions covering the whole theoretical framework: • Media Language • Representation • Media Industries • Audiences • Media Contexts

Subject	Summary of Exam (Type/length)	Topic content
Music	Appraising Music 75 minutes	You will answer questions on the following set works: • Bach - Brandenburg Concerto • Beethoven - Piano Sonata in C minor • Spalding – Samba Em Preludio • Afro Celt Sound System – Release • Queen – Killer Queen • Purcell – Music for a While Questions will be based on listening to extracts of these pieces, and **one** will be an extended writing question (Q9 – Essay). You will answer **ONE** question on an unfamiliar piece of music You will answer ONE dictation question based on identifying **melody** and **rhythm**
PE GCSE	Paper 1 60 minutes 60 marks	**Exam content to revise:** • Skeletal system (function, bones, joints) • Respiratory system (passage of airways, inspiration / expiration) • Muscular system (antagonist pairs, • Cardio-Vascular System (Vascular Shunt, Heart, double circulatory system) • Long term effects of exercise • Anaerobic and Aerobic Exercise • Levers • Axis of Rotation • Planes of movement • Warm ups • Principles of Training (SPOR) • Types of training (Fartlek training, Continuous Training, Circuit Training) • Agility testing
AQA Physics Separate sciences	**Paper 1** 100 marks 1 hour 45 minutes	**Paper 1** will include the following content. Topic 1: Energy Topic 2: Electricity Topic 3: Particle model of matter Topic 4: Atomic structure
Religious Education	Component 1 Paper **Theme 1** Origins and Meanings **Theme 2** Good and Evil 90 minutes 96 marks	**Part 1 of paper - Origins and Meanings** (45 marks + 6 SPAG) • 2x A style questions (definitions 2 marks each) • 2x B style questions (describe, 5 marks each) • 2x C style questions (explain, 8 marks each) '*Explain, from either Catholic Christianity and Judaism **or** two Christian traditions,.....' (8)* • 1x D style question (discuss, 15 marks) *'Discuss this statement showing that you have considered more than one point of view. (You must refer to religious and non-religious beliefs, such as those held by Humanists and Atheists, in your answer.) [15]. Marks for spelling, punctuation and the accurate use of grammar are allocated to this question (6)'* **Part 2 of paper - Good and Evil** (45 marks) • 1x A style question (definition, 2 marks) • 1x B style question (describe, 5 marks) • 1x C style question (explain, 8 marks) *'Explain, from either Catholic Christianity and Judaism **or** two Christian traditions,.....' (8)*

Subject	Summary of Exam (Type/length)	Topic content
		• 2x D style question (discuss , 15 marks each) *'Discuss this statement showing that you have considered more than one point of view. (You must refer to religion and belief in your answer.) (15)'* Exam specifications are on CC and have been emailed to students along with link to additional revision resources on Y11 TEAMS
Combined Science Biology	**Paper 1** 60 marks 1 hour 10 minutes	**Paper 1** will include the following content. 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	**Paper 1** 60 marks 1 hour 10 minutes	Paper 1 will include the following content. Topic 1: Key concepts in chemistry Topic 2: States of matter and mixtures Topic 3: Chemical changes Topic 4: Extracting metals and equilibria
Combined Science Physics	**Paper 1** 60 marks 1 hour 10 minutes	Paper 1 will include the following content. Topic 1: Key concepts of physics Topic 2: Motion and forces Topic 3: Conservation of energy Topic 4: Waves Topic 5: Light and the electromagnetic spectrum Topic 6: Radioactivity