| *Subject* | *Which paper will I sit for the mock?* | *How long is the exam?* | *What do I need to revise?* | *Where can I find this information?* | *What are top revision tips for this paper?* |
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| **Maths** | **Foundation Tier**:<br><br>**Paper 1** Calculator<br>**Paper 2** Non-Calculator<br>**Paper 3** Calculator.<br><br>**Higher Tier**:<br><br>**Paper 1** Non Calculator<br>**Paper 2** Calculator<br>**Paper 3** Calculator | 3 x 90 minute papers | 1 Number<br>2 Algebra<br>3 Ratio, proportion and rates of change<br>4 Geometry and measures<br>5 Probability<br>6 Statistics. | Please see the revision list on Google Classroom for more detail and revision resources.<br><br>**Foundation Tier -** Google Classroom code is z4j7aa5<br><br>**Higher Tier -** Google Classroom code is w6xgev4. | • Use the video lessons on the revision websites linked on Google Classroom to develop knowledge and understanding<br>• Use past paper questions from the revision booklet on Google Classroom or on the revision websites for practice.<br>• Use the modelled solutions provided to check your understanding. |

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| **English** | 1) English Language Paper 2<br><br>2) English Literature Paper 1 Section A (Romeo and Juliet) & English Literature Paper 1 Section B (*A Christmas Carol*)<br><br>3) English Literature Paper 2 Section B (*Poetry Anthology*) & English Literature Paper 2 Section C (Unseen Poetry Anthology) | 1) 1 hour 45 minutes<br><br>2) 1 hour 45 minutes<br><br>3) 2 hours 15 minutes | 1) Section A - extracting relevant information from a text, analysis of language choice, analysis of whole-text structure, evaluation of a statement and supporting this with analysis of methods;<br><br>Section B - descriptive and narrative writing (descriptive devices, whole-text structure, paragraphing, punctuation for effect, vocabulary chosen for effect, etc.)<br><br>2) Theme of poverty / Theme of Scrooge's redemption<br><br>3b) Theme of conflict / theme of power in the following poems: Ozymandias, The Prelude, Storm on the Island, London, War Photographer, Remains, Exposure, Bayonet Charge<br><br>3c) There is no knowledge or content to revise, but you should practise analysing unseen poems by completing past papers (found on Google Classroom) | Google Classroom, English lessons | 1) Section A - follow the prescribed timings for the paper, read and summarise the texts, aim for quality rather than quantity; Section B - remember to write a clear viewpoint on the topic, use the 'Boxing to Argue' structure, plan before you write, check SPAG when you have finished, aim to write two sides of A4 paper (400-500 words in total)<br><br>2) Plan before you write, include a clear introduction paragraph, focus on three quotations from each extract, focus on two ideas from the wider text (two quotations for each idea), have a clear idea of analysis in response to the task, focus in detail on the writer's use of methods (write a lot about a little), focus in detail on the writer's intentions<br><br>3b) Plan before you write, include a clear introduction paragraph, aim to write at least two comparison paragraphs, focus on two quotations/references per poem in each comparison paragraph, have a clear idea of comparison in response to the task, focus in detail on the writers' use of methods (write a lot about a little), focus in detail on the writers' intentions<br><br>3c) Plan before you write, include a clear introduction paragraph, aim to focus on at least four quotations/methods, focus only on methods in the comparison task |

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| **Combined science** | Paper 1 Biology<br><br>Paper 1 Chemistry<br><br>Paper 1 Physics | 1hr 15 mins<br><br>1hr 15 mins<br><br>1hr 15 mins | **Biology:**<br><br>• Cell Biology – animal and plant cells, cell specialisation, mitosis, osmosis , active transport<br>• Organisation – digestive system, circulatory system, non-communicable diseases, plant organ systems<br>• Infection and response - communicable diseases, immune system, vaccination, plant diseases<br>• Bioenergetics – photosynthesis and respiration<br><br>**Chemistry**:<br>• Atomic structure and the periodic table – atomic model, electronic structure, development of the periodic table, group 1, 7 and 0 properties<br>• Bonding and structure – ions and ionic bonding, covalent bonding, giant structures polymers, metallic bonding<br>• Quantitative chemistry – relative formula mass, moles, reaction masses, concentration<br>• Chemical changes – reactivity series of metals, oxidation and reduction, reactions of acids, making salts, electrolysis<br>• Energy changes – endothermic and exothermic reactions<br><br>**Physics:**<br>• Energy – stores, transfers, conservation of energy, efficiency, power, energy resources<br>• Electricity – current, potential difference & resistance in series and parallel circuits, mains electricity<br>• Particle model of matter – density, particle theory, specific heat capacity, specific latent heat, pressure<br>• Atomic structure – atomic structure, discovering the nucleus, nuclear radiation, half-life | Revision guide, www.freesciencelessons.co.uk, Google Classroom, www.physicsandmathstutor.com | • Make sure you can recall key vocabulary, equations, units etc.<br>• Practice remembering these and then use practice exam questions |

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| **Triple science** | Paper 1 Biology<br><br>Paper 1 Chemistry<br><br>Paper 1 Physics | 1hr 45 mins<br><br>1hr 45 mins<br><br>1hr 45 mins | **Biology:**<br>• Cell Biology – animal and plant cells, cell specialisation, mitosis, osmosis , active transport, Stem cells<br>• Organisation – digestive system, the heart, the lungs, non-communicable diseases, plant organ systems<br>• Infection and response - communicable diseases, immune system, vaccination, plant diseases, monoclonal antibodies<br>• Bioenergetics – photosynthesis and respiration<br><br>**Chemistry:**<br>• Atomic structure and the periodic table – atomic model, electronic structure, development of the periodic table, group 1, 7 and 0 properties<br>• Bonding and structure – ions and ionic bonding, covalent bonding, giant structures, polymers, metallic bonding, nanoparticles<br>• Quantitative chemistry – relative formula mass, moles, reaction masses, concentration, titrations<br>• Chemical changes – reactivity series of metals, oxidation and reduction, reactions of acids, making salts, electrolysis<br>• Energy changes – endothermic and exothermic reactions, fuel cells<br><br>**Physics:**<br>• Energy – stores, transfers, conservation of energy, efficiency, power, energy resources<br>• Electricity – current, potential difference & resistance in series and parallel circuits, mains electricity, static electricity<br>• Particle model of matter – density, particle theory, specific heat capacity, specific latent heat, pressure in gases<br>• Atomic structure – atomic structure, discovering the nucleus, nuclear radiation, half-life, nuclear fission and fusion | Revision guide, www.freesciencelessons.co.uk, Google Classroom, www.physicsandmathstutor.com | • Makes sure you can recall key vocabulary, equations, units etc.<br>• Practice remembering these and then use practice exam questions |

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| **Computing** | Paper 1<br><br>Paper 2 | 2hours<br><br>1hr 45 mins | • Abstraction Decomposition,<br>• Algorithmic thinking Flow charts<br>• Pseudocode<br>• Trace tables<br>• Binary search<br>• Linear Search<br>• Bubble sort<br>• Merge Sort<br>• Insertion Sort Variables<br>• Constants<br>• Operators<br>• sequence, selection, iteration<br>• File Handling<br>• Arrays<br>• Sub Programs<br>• Random numbers Validation<br>• Authentication<br>• Maintainability Iterative<br>• Final, Errors, Test data<br>• Pseudocode and Trace Tables AND/OR/NOT<br>• Truth tables High and low level language.<br>• Translators Characteristics of an IDE<br><br>• Purpose of CPU, FDE<br>• Component and functions, registers<br>• Factors that affect performance<br>• Embedded systems ROM, Ram VM - purpose and uses<br>• Types, Uses and suitability Unit of data, Binary, Hex, Addition and Shifts Characters<br>• Sound, Images, Compression Network Types<br>• Hardware, Topologies Internet (MAC IP), DNS,<br>• Protocols, Packet Switching, Layers<br>• Forms of attack, Preventing attack,<br>• Databases, Relationships and SQL<br>• Purpose and uses of Operating systems<br>• Purpose and uses of utilities<br>• Impacts of technology on wider society<br>• Legislation relevant to computers | • Flash Cards, Craig and Dave Video's, CGP Books, Google classroom | • Practice Python programming using the algorithms on google classroom<br><br>• Flash Cards, Brain Dumps, Self Quizzing. |

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| **History** | **Paper 1** - America and Conflict<br><br>**Paper 2** - Health and the People | Paper 1 - 2 hours<br><br>Paper 2 - 1 hour | **Paper 1:**<br><u>America:</u> Roaring 20s and the economic boom. Immigration and social issues in the 1920s. Roosevelt's New Deal - what it was, agencie, effectiveness and opposition, Civil Rights Movement 1954-68, Kennedy and Johnson's programmes of reforms 1960-68)<br><br><u>Conflict in Asia</u>: The Korean War - causes, events and impact (wider world context and international impact), Vietnam - causes of the war, why America got involved, the Vietcong and Gulf of Tonkin)<br><br>**Paper 2:**<br><u>Health:</u> Causes and cures - focus on treatment of diseases over time from Medieval to modern e.g. trepanning, Pare, antiseptics, penicillin etc, Hospitals throughout the ages from Medieval (Islamic and Christian), 18th century, modern and NHS, surgery in the 17th and 18th centuries, revision of key factors (Sci and tech, government, communication, epidemics, war, individuals) for all themes. | • Google Classroom<br><br>• SLCs for all subjects<br><br>• Revision guides and how to guides | • Follow key timings - remember it's minute and a half per mark.<br>• Make sure you focus on one hour for America and one hour for Conflict in Paper 1.<br>• Use suggested structures - MAP for source questions 1 and 2 on conflict and 1 on Health<br>• Cover three time periods in the Health essay or you can't get over 8 marks<br>• Link back to the question in all question (underline the key words)<br>• Attempt all questions - you can always pick up marks<br><br>• <u>Ask your teacher</u> for individual concerns and practice planning/answering questions - we're always happy to do extra marking for you! |

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| **MFL** (**French** and **Spanish**) | Paper 1- Listening<br><br>Paper 2- Speaking (before Christmas)<br><br>Paper 3- Reading<br><br>Paper 4- Writing | ***FOUNDATION***:<br>Paper 1 (listening)- 35 minutes<br><br>Paper 2 (speaking)-7-9 minutes<br><br>Paper 3 (reading)- 45 minutes<br><br>Paper 4 (writing)- 1 hour<br><br>***HIGHER***:<br>Paper 1 (listening)- 45 minutes<br><br>Paper 2 (speaking)-10-12 minutes<br><br>Paper 3 (reading)- 1 hour<br><br>Paper 4 (writing)- 1 hour 15 minutes | **THEME 1**<br>Topic 1: Me, my family and friends Relationships with family and friends, Marriage/partnership<br>Topic 2: Technology in everyday life Social media Mobile technology<br>Topic 3: Free-time activities Music Cinema and TV Food and eating out Sport<br>Topic 4: Customs and festivals in Spanish-speaking countries/communities<br><br>**THEME 2**<br>Topic 1: Home, town, neighbourhood and region<br>Topic 2: Social issues Charity/voluntary work Healthy/unhealthy living<br>Topic 3: Global issues The environment Poverty/homelessness<br>Topic 4: Travel and tourism Key vocabulary for holidays including countries, methods of transport, activities etc.<br><br>**THEME 3** School Future plans including jobs, travel, future studies<br><br>Additional revision on key verbs in three time frames (e.g. I go to the cinema, I went to the cinema, I'm going to go to the cinema), juicy bits and idioms.<br><br>Speaking answers should be **thoroughly** revised- not just your chosen theme. | -Knowledge organiser<br><br>-RainfordMFL on Quizlet<br><br>-Vocabulary section on specification (remember there are also Quizlet lists for all of these!)<br><br>-Class work<br><br>-Speaking questions on Google Classroom and your flashcards<br><br>-Revision guides and work books | **For speaking**: Use the strategies modelled to you in class i.e. read your speaking answer aloud a few times, cover it, write out what you can remember on your whiteboard, then check. Repeat this process until you know it off by heart.<br><br>**For reading and listening:** Prioritise recognising words from Spanish to English. |

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| **Geography** | Combination of Paper 1 and 2 –<br><br>1hr 30 minutes | **Rivers and coasts**<br>-Long profile and cross profile of river systems; River processes – weathering, transportation and erosion; River landforms – processes and sequences involved in the formation of river landforms such meanders and waterfalls; Causes of river flooding – physical and human causes<br>-Skills – OS Maps skills including 6 figure grid references and measuring distance on a map, and how to interpret map symbols<br>-Coastal processes – weathering, transportation including longshore drift and erosion; Coastal landforms including landforms of transportation and deposition such as spits and bars; Coastal management strategies – hard vs soft engineering approaches<br><br>**Living World**<br>Ecosystems overview – components of an ecosystem (producers, consumers, decomposer etc), food chains, food webs and changes within an ecosystem that may effect its balance<br><u>Tropical rainforest</u><br>Factors involved in its formation and biodiversity level – location, climate, nutrient cycle; Ecological value of the tropical rainforest – good and services<br>Management of Tropical rainforest – different approaches to sustainable management at a range of scales – local vs global approaches<br><u>Cold environments</u><br>Characteristics of cold environments – polar and tundra; Adaptations of plants and animals to cold environments<br>Challenges and opportunities of cold environments – C/S Svalbard<br><br>**Urban Issues and Challenges** Introduction to urbanisation – causes of urbanisation – push and pull factors; migration vs natural increase; differences between LIC and HICs - -**NEE case study – Rio de Janerio HIC case study – Liverpool** Each case study location will need an overview of each of the following: Location and importance of each location Challenges and opportunities Solutions to solve urban problems.<br><br>**Resource Management**<br>-Global overview of food, energy and water<br>-Food, energy and water in the UK<br>- Skills focus – interpretation of choropleth maps and describing patterns of distribution<br>-Understanding the issues of water insecurity and links to development; Importance of water security for development and the consequences of water insecurity<br>- Different strategies to ensure water security and sustainable water management including dams and reservoir, water transfer schemes, desalinisation, sustainable water schemes and large scale case study – Lesoto and local water management case study – Wakel | • Google classroom<br>• Class books and files<br>• Mock your Memory Homeworks<br>• Revision strategies (covered last year)<br>• Revision clocks<br>• Knowledge organisers<br>• Revision guides<br>• Past papers and mark schemes<br>• Feedback from previous assessments | Look at the marks available for each question, it will give you an indication of how much to write, points to make.<br><br>Remember to use strategies such a BUG the question to make sure you are answering the question asked, TEA to analyse and describe maps and graphs.<br><br>On assess and evaluate questions make sure to include a variety of approaches or include a balanced approach to an issue |

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| **Religious Education** | **Paper 1** Christianity and Judaism | 1hr 45 minutes | **Section 1: Christian Beliefs**<br>The nature (characteristics) of God in Christianity<br>The problem of evil and suffering<br>Christian Beliefs about the afterlife<br>The Incarnation<br>The Crucifixion<br>Original Sin and Salvation<br><br>**Section 2: Christian Practices**<br>Christian Worship<br>Baptism<br>Christian festivals (Christmas and Easter)<br>Church Growth<br>Reconciliation<br><br>**Section 3: Judaism Beliefs**<br>The nature of God in Judaism<br>Jewish beliefs about life after death<br>The covenant with Abraham<br>Jewish Key Moral Principles (justice, healing the world and charity)<br>Free will and Mitzvot<br><br>**Section 4: Judaism Practices**<br>Worship in Judaism<br>Shabbat<br>Birth Ceremonies<br>Bar and Bat Mitzvah<br>Jewish Festivals: Rosh Hashanah, Yom Kippur and Pesach | *Youtube sites such as Mr. Finlayson.<br><br>* Please also explore the revision guides and resources - all available on GC. | • Use resources on GC specific sites<br><br>• Read, note taking and flash cards.<br><br>• Attempt as many past paper exam questions as possible. |
| **Childcare** | Paper 1 | 1 hour 15 mins | • Roles and responsibilities of Parenthood<br>• Understanding antenatal care and planning for birth<br>• Understanding postnatal checks, postnatal provision and development<br>• Childhood illnesses and diseases and child safety | GC Where are resurces are stored | Youtube video , revision booklet and worksheets, past papers. |

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| **Music** | Component 3: Responding to a commercial music brief | Preparation in lessons prior to practical exam<br><br>• 5 hour practical exam<br>• 1 hour written evaluation | • Preparation for creation of finished product<br>• Knowledge of key features of chosen genre to include:<br>Instrumentation<br>Harmony (use of chords)<br>Rhythm<br>Use of technology<br>Tempo<br>Texture<br>Melody<br>• 1 genre selected from:<br>Rock and Roll<br>Blues<br>EDM<br>Reggae | Google Classroom Component 3 | Refer to KOs on GC, Component 1 slides and flashcards |
| **Performing Arts** | Component 3: Responding to a brief | Preparation in lessons prior to practical exam<br><br>• 5 hour practical exam | Preparation in lesson will be working towards the 4 activities which make up the Component 3 external exam<br><br>**Activity 1**: Ideas log (1hr written paper)<br>**Activity 2**: Skills log (1hr written paper)<br>**Activity 3**: Performance (7-15min practical performance<br>**Activity 4**: Evaluation log (1hr written paper) | Google Classroom Component 3 | 1. Practical preparation- rehearsal for the performance (Activity 3)<br>2. Knowledge of key features of chosen style, skill and techniques which will be used in the performance<br>3. Written exam structure for the 3 written papers, Activity 1, 2 and 4<br>4. Creating a set of notes which can be taken into each written exam- these are allowed by the exam board. The notes can be 2 sides of A4 |

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| **P.E.** | **Paper 1 -** Physiological factors<br><br>**Paper 2** - Psych / sociocultural | 1 hour<br><br>1 hour | **Physical factors affecting performance (Paper 1)**<br>1.1 Applied anatomy and physiology 1.1.c. Movement analysis • Lever systems • Planes of movement and axes of rotation<br>1.2 Physical training 1.2.a. Components of fitness 1.2.b. Applying the principles of training • Types of training 1.2.c. Preventing injury in physical activity and training • Minimising the risk of injury<br><br>**Socio-cultural issues and sports psychology (Paper 2)**<br>2.1 Socio-cultural influences 2.1.a. Engagement patterns of different groups in physical activities and sports 2.1.b Commercialisation of physical activity and sport 2.1.c Ethical and socio-cultural issues in physical activity and sport<br>2.2 Sports psychology<br>2.2.3. Goal setting<br>2.2.5. Types of guidance 2.2.6. Types of feedback<br>2.3 Health, fitness and well-being<br>2.3.1. Health, fitness and well-being<br>2.3.2. Diet and nutrition | GCSE google classroom | • Everlearner video resources<br>• Google classroom video resources<br>• Flashcards that you have created through the course so far |

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| **Graphics** | Practical Design Task | 4 hrs + 1 for ET | Students will review their work from Units 1 and 2 work in preparation for the supervised task which tests them on this | Coursework folders | -Revisit the 6 components<br>-Refer to design and development work in folders<br>-Review evaluation prompts on GC |
| **Resistant materials** | Component 1: Design and Technology in the 21st Century | 2 hours | Students will review their work from Y10/11 theory lessons<br>Reading list posted on GC<br>· Product life cycle and being able to analyse a products life cycle<br>· Smart materials<br>· CADCAM and CNC<br>· Ergo and Antrho and links to products · Modelling<br>· The design process – specifically Primary and secondary Research<br>· Wood/Metal/Plastics – Names/Categories/Products and the reason that material is used for that product<br>· Levels of production and analysing the stages inked to a product | Coursework/ theory files | -Review Y10/11 theory files<br>-Use of flashcards for key terms<br>-Past paper questions |
| **Food & nutrition** | Paper 1: Food Preparation and Nutrition | 1hr 30mins | Students will review their coursework/theory files on Google Classroom | Coursework/ theory files | -Refer to KOs on GC<br>-Use of flashcards for key Terms<br>-Past paper questions |
| **Hospitality & Catering** | Unit 1 Paper: The Hopitality and Catering Industry | 1hr 30mins | Students will review their coursework/theory files on Google Classroom | Coursework/ theory files | -Refer to KOs on GC<br>-Use of flashcards for key terms<br>-Past paper questions |

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| **Photography** | Practical Mock Exam | 4 hours (5 hours for extra tme | Developing and refining outcomes from the Self Directed Project | Component 1 coursework projects | NA |
| **Fine art** | Practical Mock Exam | 4 hours (5 hours for extra tme | Developing and refining outcomes from the Self Directed Project | Component 1 coursework projects | NA |
| **Textiles** | Practical Mock Exam | 4 hours (5 hours for extra time) | Developing and refining outcomes from the Self Directed Project | Component 1 coursework projects | NA |