



| Subject | Mock Examination Content |
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| Mathematics | <p>The Mathematics mock will consist of three papers and will cover everything you have been taught in the course, helping to prepare you for the experience of the actual GCSE examinations.</p> <p>Content from any part of the specification may be assessed on any paper. Each paper will include a range of question styles, from short, single-mark questions to multi-step problem-solving questions. The level of mathematical demand will increase as you progress through each paper.</p> <p>How to Prepare:</p> <p>Focus on Your Targets: Your teachers have provided feedback and clear targets from your first mock exam. Use these as the starting point for your revision, focusing on RED topics.</p> <p>Do Mathematics to Learn Mathematics: The best way to improve in maths is to practise answering questions. Check and mark your work, identify any mistakes, and focus on understanding where you went wrong. This process is key to making progress.</p> <p>Ask for Help: If there is a topic you do not understand, speak to your teacher or use Sparx Maths. Asking questions early helps to close gaps in understanding.</p> <p>Revise a Little and Often: Everyone has different strengths and areas for development. Plan short, regular revision sessions and spend more time on topics you find challenging.</p> |
| English | <p>Revision topics with content for English Literature are:</p> <p>Power & Conflict Poetry Anthology (15 poems) An Inspector Calls</p> <p>These require memorisation in order to tackle them as closed-book exam units. The third unit, Unseen Poetry, requires independent practice - resources are available on the English SharePoint.</p> <p>English Language requires revision of question types - resources are available on the SharePoint but all students would be well advised to read from a range of non-fiction sources, especially news articles, and to look at historical sources of English, especially writing from the Victorian period.</p> |
| Science | <p>Combined science topics (extra topics for separate science)</p> <p>Biology: Homeostasis and response; Inheritance, variation and evolution; and Ecology</p> <p>Chemistry: The rate and extent of chemical change; Organic chemistry; Chemical analysis; Chemistry of the atmosphere; and Using resources.</p> <p>Physics: Forces and motion, Waves, Magnetism, (Space physics)</p> |
| Art | <p>Revision for Art and Design is practical preparation work for the actual final exam. You need to have completed your drawings, photography, one artist research in your sketchbook by the mock exam day.</p> <p>In your mock exam you will be completing an additional final piece to boost your portfolio grade this will be based on all your completed preparation.</p> |



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| Drama | <p>"I Love You Mum – I Promise I Won't Die"- Character relationships</p> <ul style="list-style-type: none"> - Character Development throughout the play - Practical performance skills linked to text - Rehearsal Techniques - Lighting, Sounds, Staging, Costume - Original Performance - Pace, Pitch, Volume, Tone, Emphasis, Gesture, Gait, Stance - Stage types and how ILYM could be performed on different stages <p>Live Theatre – Look at revision resources for Live Theatre – How they used the stage, character interaction, use of vocal / physical performance skills. Revise the Drama terminology.</p> |
| Music | <p>Rhythms of the World - Caribbean, Samba, Greek, Israeli, Palestinian, African, Indian</p> <p>Classical and Bhangra</p> <p>Concerto – Baroque, Classical, Romantic</p> <p>Popular Song – Rock n Roll, Rock Anthems, Ballads, Solo Artists</p> <p>Film and Computer game music</p> <p>General MAD TSHIRT terminology</p> |
| Geography | <p>Component 1 Exam – Changing Places, Changing Economies.</p> <p>Theme 1: Changing places, Changing Economies (Purple Books)</p> <p>Theme 2: Changing Environments (Green Books)</p> <p>Theme 3: Environmental Geography (Blue Books)</p> <p>(100 marks exam – 105 minutes)</p> <p>Component 2 Exam – Problem Solving Paper (DME)</p> <p>A topic will be presented to you about an issue facing a community or communities across the globe You will answer a series of questions surrounding the issue and then decide on how best to solve the issue. This last question will be an essay-based response.</p> <p>(76 Marks exam – 90 minutes)</p> |
| History | <p>You will need to revise all content. There will be no prompts/ clues as to topics to focus on to replicate as it will be in the summer. Use your check lists in your books, booklet on the Globe theatre and revision guides. There are lots of revision materials on Classroom 42, including timelines and summary "cheat sheets" in addition. There are also plenty of exam questions for you to help with planning.</p> <p>Paper 1</p> <p>Conflict and Tension - Treaty of Versailles, League of Nations and tension in 1930s leading to WW2</p> <p>Germany - Weimar Germany early problems, Golden Years, Hitler's rise to power and steps to dictatorship, impact of Nazi regime on various groups of people including women, youth, Jewish people and workers and impact of WW2</p> <p>Paper 2</p> <p>Health and the People – Surgery, Public Health and disease. Learn your key people and break throughs – link these to the factors improving medicine.</p> <p>Elizabethan – Early challenges, methods of governing including the Essex rebellion, religious settlement, Catholic plots, relations with Spain, MQS, exploration with a focus on both Raleigh and Drake. The big mark question is your specialist topic which is the Globe theatre.</p> |
| MFL | <p>There will be 3 papers – Listening, Reading and Writing.</p> <p>You will need to revise all the content below. Use specified resources set on Class Charts as well as revision guides and suggested websites like</p> <p>www.languagesonline.org.uk</p> |



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| | <p>Theme 1: People and lifestyle</p> <ul style="list-style-type: none"> Topic 1: Identity and relationships with others Topic 2: Healthy living and lifestyle Topic 3: Education and work <p>Theme 2: Popular culture</p> <ul style="list-style-type: none"> Topic 1: Free-time activities Topic 2: Customs, festivals and celebrations Topic 3: Celebrity culture <p>Theme 3: Communication and the world around us</p> <ul style="list-style-type: none"> Topic 1: Travel and tourism, including places of interest Topic 2: Media and technology Topic 3: The environment and where people live |
| Computer Science | <p>PAPER 01</p> <ul style="list-style-type: none"> Components of a computer system and registers Data representation including denary, binary and hexadecimal, ASCII, sound, images and file sizes Memory and Storage (solid state, magnetic, optical and cloud) Networks (LAN, WAN, Mesh and Star topology, connections, performance, URLs and IPs) Systems software, utility and encryption Legal, ethical and environmental issues Functions of an operating system <p>PAPER 02</p> <ul style="list-style-type: none"> Algorithms, flowcharts and keywords Search and sort (merge, insertion and bubble) Programming (including high- and low-level language), variables, casting, arrays, functions, programming constructs (sequence, selection and iteration), saving to files. Logic gates, circuits and truth tables Programming and SQL Design, Testing and IDE's (including trace tables) Data types and test data |
| GCSE Physical Education | <p>Paper 1</p> <ul style="list-style-type: none"> Applied anatomy and physiology Movement Analysis Physical Training The use of data <p>Paper 2</p> <ul style="list-style-type: none"> Sports Psychology Health, Fitness and Wellbeing Socio-cultural influences |
| Design & Technology | <p>Section A</p> <ul style="list-style-type: none"> Core knowledge of timbers, metals, papers and boards, polymers, electronics and textiles Mechanisms and linkages Sustainability Energy Generation <p>Section B</p> <ul style="list-style-type: none"> Specialist knowledge of your chosen material area Specialist processes (e.g. vacuum forming, routing, laser cutter etc) The 6 R's of sustainability |



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| | <ul style="list-style-type: none"> - Scales of Production <p>Section C</p> <ul style="list-style-type: none"> - Designing and making principles - Design communication - Product Analysis - Investigation methods - Prototyping and 3D modelling - CAD/CAM <p>The work of others (e.g. Bauhaus, Modernism, Allessi etc)</p> |
| BTEC Health and Social Care | <p>Component 3: Health and Wellbeing</p> <p>A: Definition of health and wellbeing Physical factors; Lifestyle factors; Social factors; Cultural factors; Economic factors; Environmental factors The impact on physical, intellectual, emotional and social health and wellbeing of different types of life events Interpretation of physiological data according to published guidelines: resting heart rate (pulse); heart rate (pulse) recovery after exercise; blood pressure; body mass index (BMI)</p> <p>B: Lifestyle indicators - how lifestyle choices determine physical health.</p> <p>C: The ways in which a person-centred approach takes into account an individual's; needs – to reduce health risks; wishes – their preferences and choices; circumstances – to include age, ability, location, living conditions, support, physical and emotional health. Definition of barriers: something unique to the health and social care system that prevents an individual accessing a service. Potential barriers as appropriate to the individual and the recommendations; physical barriers; barriers to people with sensory disability; barriers to people with different social and cultural backgrounds; barriers to people that speak English as an additional language or those who have language or speech impairments; geographical barriers; resource barriers for service provider; financial barriers. Definition of obstacles: something personal to an individual that blocks a person moving forward or when action is prevented or made difficult. Potential obstacles as appropriate to the individual and the recommendation; emotional/psychological; time constraints; availability of resources; unachievable targets; lack of support Person centred approach to care</p> |



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| Food Preparation and Nutrition | <p>Section A</p> Micronutrients Diet related diseases Macronutrients Food storage & key temperatures Bacterial contamination Enzymic browning Food labelling <p>Section B</p> Food safety Nutritional content Fibre in the diet Function of flour and fats Gelatinisation Raising agents Organic food and drinks Genetically modified foods Food processing and production Food additives Diet through life Cooking methods and heat transfer |
| GCSE Business | <p>Unit 1 – Business in the real world</p> <ul style="list-style-type: none"> • Purpose & nature of business • Ownership models • Aims and objectives • Stakeholders • Location • Business planning • Expansion <p>Bullet point detail will be uploaded to Class Charts</p> <p>Unit 2 – Influences on business</p> <ul style="list-style-type: none"> • Technology • Ethics and environment • Economy • Globalisation • Legislation • Competition <p>Bullet point detail will be uploaded to Class Charts</p> <p>Unit 3 – Operations</p> <ul style="list-style-type: none"> • Production processes • Procurement • Quality • Customer service <p>Bullet point detail will be uploaded to Class Charts</p> <p>Unit 4 – Human resources</p> <ul style="list-style-type: none"> • Organisational structures • Recruitment and selection • Motivating employees • Training <p>Bullet point detail will be uploaded to Class Charts</p> |