

Subject	Topics to revise for the mock exam
English	Language - Paper 2 - Reading - Comparison & analysis of Language & Writing to Argue, Persuade, Explain Literature - Unseen poetry Analysis and, dependent on set, an analysis question on Jane Eyre, An Inspector Calls or Animal Farm
Mathematics	Everything. 3 sample GCSE papers will be sat.
Science	1 paper 76 marks in total on GCSE modules B1, P1, C1 . All three sections will have a mixture of short and long answer questions. Combined science will get 1 score 9-1, and separate science will get 3 different scores for each part. Revise C1: Early Atmosphere, greenhouse effect, correlation and cause, gases in the air, catalytic converters and balancing chemical equations. Revise P1: X-rays, speed of waves, wavelength and frequency calculations, UV radiation and microwaves. Revise B1: DNA Structure, Key terminology, Genetic Diagrams, genetic testing and the ethical issues around genetic testing and genetic engineering.
Computer Science	Trace Tables, Flowcharts, Pseudocode, Subroutines, Logic Gates, Iteration (For & While Loops), Selection (IF Statements), Binary Conversions, Bits & Bytes, Bitmap Images, Digital sound (Sample rate/Sample resolution), Cloud Computing.
Geography	Tourism, Glaciers, Resource management.
History	Section A: Surgery and Treatment in WW1 . Revision should focus on improvements to treatment (one 4 mark question). Section B: Russia 1917-1941 . Revision should focus on Marxism, the October Revolution, the Civil War, War Communism, the purge and the Red Terror, the New Economic Policy, Collectivisation and the 5 Year Plans. (one 4 mark, one 12 mark and one 16 mark question).
MFL (Spanish)	Spanish - Family, Time, Prepositions, articles and gender, school.
Business Studies	Unit 1 - Starting a business, Unit 2 - marketing, Unit 3 - Financials. more specific topics within each unit are on student tick sheets.
Dance	Practical mock exam- Solo performance (2 set phrases), Trio or duet performance (Choreographed by the teacher) and the students choreography this will be their solo piece or group piece.
Design Technology	stock forms – examples and where they comes from. Woods – hardwood, softwood and manufactured board -Plastics - Thermo plastic and thermosetting plastic – changing and enhancing their properties.-Production methods for wood and plastics including Industrial processes.- Fairtrade and ethical choices – why? Aesthetics-Ergonomics.-Anthropometrics.-What is a Design Specification?- Isometric and Orthographic drawing.
Drama	Knowledge and Understanding of Drama (use GCSE Bitesize Revision on line with a focus on types of staging) . Role and responsibilities in theatre such as stage manager, actor, designer and director. Set text study of Blood Brothers.
Media Studies	A section on each of the following: Media language (Mise-en-scene, cinematography, editing and sound), Representation, Audience and Industry. Look over the recent revision documents created that tackle each of the sections. Also revise the BBFC/PEGI age rating classifications.
P.E.	Paper 2 - health fitness and wellbeing, sport psychology, socio-cultural influences.
Psychology	Please revise the following topics ready for the June exam. <ul style="list-style-type: none"> - Cognitive, Biological and Psychodynamic approaches - need to know briefly and describe. - Learning approach - detail needed and examples. - Ethical considerations - Research methods (self-report techniques/observations/sampling/experimental designs/drawing a bar chart/case study) - Non-verbal communication - (cultural variations and study to go with it. Eye contact and study to go with it. Gestures and study to go with it. Animal and human communication differences.)
Sociology	Different perspectives on the family: Rapoport & Rapoport, Delphy & Leonard, Ann Oakley, Willmott and Young's, Zaretsky. Family functions/ Family types/ Patriarchy and power relationships and Conjugal roles/ Double shift/ Triple shift Social class experiences of: Family life/ Marriage/ Life chances Different perspectives/ theories of family & marriage: Marxists/ Functionalist/ Feminist Different types of research methods: quantitative/ qualitative, primary and secondary data and defining the basic types of research methods: experiments, questionnaires, interviews (unstructured) participant observation. Highlighting the advantages/ strengths and disadvantages/ weaknesses of the individual research methods.
Food Prep and Nutrition	Nutrients. Food safety - storage of food. Bread making. Food provenance. Diet, nutrition and health of children including the nutrients they need and child obesity. Nutritional needs of teenagers. Nutritional needs of the elderly. Functions of eggs in recipes. Food wastage. locally produced foods. Coronary heart disease. Using a temperature probe.
BTEC Animal Care	Animal Handling - How to safely handle and manouver animals. Reason not to handle animals. Reasons you may need to handle or manouver animals. Health and safety. Paying particular attention to regulations and procedures. Risk assessments and the need for them. First aid procedures.
BTEC Childcare	Milestones in physical, cognitive, emotional and social development in 0-18 months old. How adults support play. How adults support different areas of development in children.
BTEC Sport	Components of fitness. Measuring heart rate. Target zone. Rate of perceived exertion. Principles of training. Stretching- flexibility training. Methods of training. Fitness tests. BMI (Body Mass Index). Skinfold tests. Skeletal system and joints. 7 factors of a balanced diet.
Latin	Roman Civilisation - Daily Life in Pompeii including Houses, Finance and the Law Courts, Theatre, Slaves and Freedmen, Roman Beliefs about Life after Death, The Amphitheatre and Gladiatorial Shows, Language - nouns in nominative and accusative, word order , present tense, Perfect and imperfect tenses in third person, translations skills, comprehension skills
Art	Students have been planning and preparing to create a final piece that will be created in exam conditions over three weeks of lessons. The theme is 'Healthy Eating' they are working from imagery that they have created already in lessons.
Photography	Students have been planning and preparing to create a final piece that will be created in exam conditions over two weeks of lessons. The theme is Temperatures and within that they have chose to focus on a specific idea such as textures or colour.