

December 2023 Mock Exam topics list

Subject	
<p>English</p>	<p>Language Students will get two unseen, non-fiction texts. One will be a 19th century text and one will be modern. They will be asked a series of questions about these texts. This section is worth 40 marks and students should spend about 1hr on this.</p> <p>For section B, students will need to write a non-fiction text giving their point of view on a topic. This text could be a speech, leaflet, letter or article and the format will be specified in the question. This is also worth 40 marks and students should spend 45 mins on it.</p> <p>Literature An Inspector Calls Power and Conflict poetry <u>Unseen poetry</u></p>
<p>Science (please note: the units will be the same for both Triple and Combined Science, though triple scientists have more content in the unit; triple science exams are 1h45 each, while combined science exams are 1h15)</p>	<p>Biology Topics 1 – 4: Cell Biology; Organisation; Infection and response; Bioenergetics</p> <p>Chemistry Topics 1 – 5: Atomic structure and the periodic table; Bonding, structure and the properties of matter; Quantitative chemistry; Chemical changes; Energy changes</p> <p>Physics Topics 1 – 4: Energy; Electricity; Particle model of matter; Atomic structure</p>
<p>Geography</p>	<p>Paper 1: UK landscapes – Geology Rivers Coasts Weather and Climate</p> <ul style="list-style-type: none"> - Key case study Cuba - Key case study USA - Key case study Namibia

	<ul style="list-style-type: none"> - Key case study California <p>Paper 2: Changing Cities</p> <ul style="list-style-type: none"> - Key case study Birmingham - Key case study Sao Paulo (or Mexico) <p>Global Development</p> <ul style="list-style-type: none"> - Key case study India <p>Resources</p> <ul style="list-style-type: none"> - Key case study Germany - Key case study China <p>Energy Resources</p>
Spanish	<p><u>EXAM PRACTICE IN SHOWMYHOMEWORK</u></p> <p><u>Theme 1</u> Me, my family and friends Technology in everyday life Free time activities</p> <p><u>Theme 2</u> Home, town and region Travel and tourism</p> <p><u>Theme 3</u> My studies and Life at school and college</p>
Maths	<p>For foundation paper, use this : https://corbettmaths.com/wp-content/uploads/2021/12/Edexcel-Foundation-Checklist.pdf</p> <p>For higher paper, use this: https://corbettmaths.com/wp-content/uploads/2016/03/higher-checklist.pdf</p>
History	<p><u>Saxons and Normans</u> Saxon England The Battle of Hastings How did William get and keep control? Norman England</p> <p><u>Cold War</u> Start of the Cold War – tensions between the US and USSR Three Cold War Crises – Berlin, Cuba, Czechoslovakia Détente, the Second Cold War, and the end of the Cold War</p> <p><u>Migration</u></p>

	<p>Vikings to the present day Notting Hill historical environment</p>
French	<p>For exam paper practice please use SHOWMYHOMEWORK</p> <p><u>Theme 1</u> Me, my family and friends Technology in everyday life Free time activities</p> <p><u>Theme 2</u> Home, town and region Travel and tourism</p> <p><u>Theme 3</u> My studies and Life at school and college</p>
Computer Science	<p><u>Computational Thinking</u> Decomposition & Abstraction Flowcharts & Pseudocode Trace Tables Types of Error Truth Tables</p> <p><u>Data</u> Binary Representation Two's Complement signed Integers Binary Shifts Hexadecimal & Binary Conversion <i>Representing:</i> Text Images Sound</p> <p><u>Computer Hardware</u> System Architecture Main Memory Embedded Systems Secondary Storage Device Operations</p> <p><u>Networks</u> Types of Networks Wired & Wireless Connectivity The Internet, IP addresses and routers Network speeds Network protocols TCP/IP layers Topologies</p>
Physical Education	<p>Paper 1: - Structure and function of the skeletal system</p>

	<ul style="list-style-type: none"> - Structure and function of the muscular system - Movement analysis - CV and Respiratory systems - Effects of exercise on body systems - Components of fitness - Principles of training <p>Paper 2:</p> <ul style="list-style-type: none"> - Engagement patterns - Commercialisation - Ethical and sociocultural issues - Sports Psychology - Health fitness and well being
<p>Religious Studies</p>	<p>Marriage and the Family</p> <ul style="list-style-type: none"> • Marriage • Sexual relationships • Families • Support for the family in the local parish • Family planning (contraception) • Divorce and remarriage • Equality of men and women in the family • Gender prejudice and discrimination <p>Matters of Life and Death (Christian perspective)</p> <ul style="list-style-type: none"> • Origins and value of the universe • Sanctity of Life • The origins and value of human life • The issue of abortion • Death and the afterlife • Non-religious arguments against life after death • Euthanasia • The natural world <p>Jewish Beliefs</p> <ul style="list-style-type: none"> • The nature of the Almighty (God) • Shekhinah • Messiah • The covenant at Sinai • The covenant with Abraham • Sanctity of life • Moral principles and the mitzvot

	<ul style="list-style-type: none"> • Jewish beliefs about afterlife <p>Crime and Punishment (Jewish perspective)</p> <ul style="list-style-type: none"> • Justice • Crime • Jewish attitudes to good, evil and suffering • Attitudes to punishment • The aims of punishment • Forgiveness • Treatment of criminals • The death penalty
<p>Business Studies</p>	<p><u>Introduction to Retail business</u></p> <ul style="list-style-type: none"> -Types of Retail activity -Business Ownership -Functional Areas -Aims and Objectives <p><u>The retail business environment</u></p> <ul style="list-style-type: none"> -Location -Competitive environment -External factors (PESTLE) -Seasonality
<p>Music</p>	<p>Coursework marks to form part of the mock grade (60%)</p> <p>Solo Performance Oct/Nov</p> <p>Ensemble Performance Dec</p> <p>Free Composition Sept</p> <p>Listening and Appraising Exam (mock) (40%)</p> <ul style="list-style-type: none"> - 1 question on set work Bach's Badinerie (revise all the musical features in this piece) - 1 question on set work Toto's Africa (revise all the musical features, chords and differences between sections in this piece) - 1 longer answer question on a descriptive piece of music (film/musical) - 5 questions using other music pieces on topics such as forms and devices, ensembles (including jazz and musicals), film music, pop and rock, fusion music.

<p>Art and Textiles</p>	<p>no official mock – what pupils are currently working on will form 60% of their actual GCSE grade. Therefore, their Art books based on the theme Order and/or Disorder are worth most of this 60% and final pieces, also a part of this 60%, they complete this on 30th Nov and 1st Dec.</p> <p>To Confirm - 60% of their GCSE grade will be assessed in December.</p>
<p>Drama</p>	<p>Students will answer questions from Component 3 – Written Paper, Section A: An Inspector Calls.</p> <p>Answering questions as a performer (4+6 marks), director with design (9 mark) and directing performers (12 marks) based on An Inspector Calls.</p> <p>Ahead of the exam, students will need to revise performance skills i.e. vocal, physical and spatial skills and production elements i.e. lighting, sound, set and costume. Students will also need to practise how to answer the questions, utilising paragraph structures and exemplars. All information will be in their exercise books and Show My Homework.</p>