

# Yr11 Mock examinations 2024

## Revision information



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PARTNER OF THE EVERYONE MATTERS SCHOOLS TRUST

<b>Subject</b>	<b>Which paper will I sit for the mock?</b>	<b>How long is the exam?</b>	<b>What do I need to revise?</b>	<b>Where can I find this information?</b>	<b>What are top revision tips for this paper?</b>
<b>Maths</b>	<p><b>Foundation Tier:</b></p> <p><b>Paper 1</b> Calculator  <b>Paper 2</b> Non-Calculator  <b>Paper 3</b> Calculator.</p> <p><b>Higher Tier:</b></p> <p><b>Paper 1</b> Calculator  <b>Paper 2</b> Non-Calculator  <b>Paper 3</b> Calculator.</p>	3 x 90 minute papers	<p>1 Number  2 Algebra  3 Ratio, proportion and rates of change  4 Geometry and measures  5 Probability  6 Statistics.</p>	<p>Please see the revision list on Google Classroom for more detail and revision resources.</p> <p><b>Foundation Tier -</b> Google Classroom code is wxtjmt5</p> <p><b>Higher Tier -</b> Google Classroom code is 7qv6xvr</p>	<ul style="list-style-type: none"> <li>• Use the video lessons on the revision websites linked on Google Classroom to develop knowledge and understanding</li> <li>• Use past paper questions from the revision booklet on Google Classroom or on the revision websites for practice.</li> <li>• Use the modelled solutions provided to check your understanding.</li> </ul>

English	1) English Language Paper 2	1) 1 hour 45 minutes	<p>1) Section A - extracting relevant information from a text, synthesising and summarising differences or similarities between texts, analysis of language choice in a text, comparing how writers use methods and language to support viewpoints;</p> <p>Section B – writing to express a viewpoint in an article, formal letter or a speech (persuasive devices, whole-text structure, paragraphing, punctuation for effect, vocabulary chosen for effect, etc.)</p>	Google Classroom, English lessons	<p>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)</p> <p>2) Plan before you write, include a clear introduction paragraph, focus on at least two 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</p>
	2) English Literature Paper 1 Section A (Romeo and Juliet) & English Literature Paper 1 Section B ( <i>A Christmas Carol</i> )	2) 1 hour 45 minutes	<p>2) Section A – Theme of conflict / theme of love / theme of relationships</p> <p>Section B - Theme of greed / theme of the supernatural / theme of redemption</p>		<p>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</p>
	3) English Literature Paper 2 Section B ( <i>Poetry Anthology</i> ) & English Literature Paper 2 Section C (Unseen Poetry Anthology)	3) 1 hour 30 mins	<p>3b) Theme of conflict / theme of power in <b>all poems</b> from the poetry anthology</p> <p>3c) There is no knowledge or content to revise, but you should practise analysing unseen poems by completing past papers (found on Google Classroom)</p>		<p>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</p>

<b>Combined science</b>	Paper 1 Biology	1hr 15 mins	<p><b><u>Biology:</u></b></p> <ul style="list-style-type: none"> <li>• Cell Biology – animal and plant cells, cell specialisation, mitosis, osmosis , active transport</li> <li>• Organisation – digestive system, circulatory system, non-communicable diseases, plant organ systems</li> <li>• Infection and response - communicable diseases, immune system, vaccination, plant diseases</li> <li>• Bioenergetics – photosynthesis and respiration</li> </ul> <p><b><u>Chemistry:</u></b></p> <ul style="list-style-type: none"> <li>• Chemical analysis - pure substances and formulations, chromatography, gas tests</li> <li>• Atmosphere - evolution of the atmosphere, climate change, atmospheric pollutants.</li> <li>• Earth's resources – using resources, potable water, treating water, life cycle assessments</li> <li>• Rates of reaction – measuring rates, factors affecting rates, reversible reactions and equilibrium,</li> <li>• Organic chemistry – hydrocarbons, fractional distillation, cracking</li> </ul> <p><b><u>Physics:</u></b></p> <ul style="list-style-type: none"> <li>• Energy – stores, transfers, conservation of energy, efficiency, power, energy resources</li> <li>• Electricity – current, potential difference &amp; resistance in series and parallel circuits, mains electricity</li> <li>• Particle model of matter – density, particle theory, specific heat capacity, specific latent heat, pressure</li> <li>• Atomic structure – atomic structure, discovering the nucleus, nuclear radiation, half-life</li> </ul>	<p>Revision guide, <a href="http://www.freesciencelessons.co.uk">www.freesciencelessons.co.uk</a>, <a href="https://www.google.com/classroom">Google Classroom</a>, <a href="http://www.physicsandmathstutor.com">www.physicsandmathstutor.com</a>, <a href="http://www.savemyexams.com">www.savemyexams.com</a></p>	<ul style="list-style-type: none"> <li>• Make sure you can recall key vocabulary, equations, units etc.</li> <li>• Practice remembering these and then use practice exam questions</li> </ul>
	Paper 2 Chemistry	1hr 15 mins			
	Paper 1 Physics	1hr 15 mins			

<b>Triple science</b>	Paper 1 Biology	1hr 45 mins	<p><b>Biology:</b></p> <ul style="list-style-type: none"> <li>• Cell Biology – animal and plant cells, cell specialisation, mitosis, osmosis , active transport, Stem cells</li> <li>• Organisation – digestive system, the heart, the lungs, non-communicable diseases, plant organ systems</li> <li>• Infection and response - communicable diseases, immune system, vaccination, plant diseases, monoclonal antibodies</li> <li>• Bioenergetics – photosynthesis and respiration</li> </ul>	<p>Revision guide, <a href="http://www.freesciencelessons.co.uk">www.freesciencelessons.co.uk</a>, <a href="https://www.google.com/classroom">Google Classroom</a>, <a href="http://www.physicsandmathstutor.com">www.physicsandmathstutor.com</a> <a href="http://www.savemyexams.com">www.savemyexams.com</a></p>	<ul style="list-style-type: none"> <li>• Makes sure you can recall key vocabulary, equations, units etc.</li> <li>• Practice remembering these and then use practice exam questions</li> </ul>
	Paper 2 Chemistry	1hr 45 mins	<p><b>Chemistry:</b></p> <ul style="list-style-type: none"> <li>• Chemical analysis - pure substances and formulations, chromatography, gas tests, testing for ions</li> <li>• Atmosphere - evolution of the atmosphere, climate change, atmospheric pollutants.</li> <li>• Earth's resources – using resources, potable water, treating water, life cycle assessments, materials</li> <li>• Rates of reaction – measuring rates, factors affecting rates, reversible reactions and equilibrium, the Haber process</li> <li>• Organic chemistry – hydrocarbons, fractional distillation, cracking, polymers, alcohols, carboxylic acids and esters.</li> </ul>		
	Paper 1 Physics	1hr 45 mins	<p><b>Physics:</b></p> <ul style="list-style-type: none"> <li>• Energy – stores, transfers, conservation of energy, efficiency, power, energy resources</li> <li>• Electricity – current, potential difference &amp; resistance in series and parallel circuits, mains electricity, static electricity</li> <li>• Particle model of matter – density, particle theory, specific heat capacity, specific latent heat, pressure in gases</li> <li>• Atomic structure – atomic structure, discovering the nucleus, nuclear radiation, half-life, nuclear fission and fusion</li> </ul>		

<b>Computing</b>	Paper 1	2hours	<ul style="list-style-type: none"> <li>• Abstraction Decomposition,</li> <li>• Algorithmic thinking Flow charts</li> <li>• Pseudocode</li> <li>• Trace tables</li> <li>• Binary search</li> <li>• Linear Search</li> <li>• Bubble sort</li> <li>• Merge Sort</li> <li>• Insertion Sort Variables</li> <li>• Constants</li> <li>• Operators</li> <li>• sequence, selection, iteration</li> <li>• File Handling</li> <li>• Arrays</li> <li>• Sub Programs</li> <li>• Random numbers Validation</li> <li>• Authentication</li> <li>• Maintainability Iterative</li> <li>• Final, Errors, Test data</li> <li>• Pseudocode and Trace Tables AND/OR/NOT</li> <li>• Truth tables High and low level language.</li> <li>• Translators Characteristics of an IDE</li> </ul>	<ul style="list-style-type: none"> <li>• Flash Cards, Craig and Dave Video's, CGP Books, Google classroom</li> </ul>	<ul style="list-style-type: none"> <li>• Practice Python programming using the algorithms on google classroom</li> <li>• Flash Cards, Brain Dumps, Self Quizzing.</li> </ul>
	Paper 2	1hr 45 mins	<ul style="list-style-type: none"> <li>• Purpose of CPU, FDE</li> <li>• Component and functions, registers</li> <li>• Factors that affect performance</li> <li>• Embedded systems ROM, Ram VM - purpose and uses</li> <li>• Types, Uses and suitability Unit of data, Binary, Hex, Addition and Shifts Characters</li> <li>• Sound, Images, Compression Network Types</li> <li>• Hardware, Topologies Internet (MAC IP), DNS,</li> <li>• Protocols, Packet Switching, Layers</li> <li>• Forms of attack, Preventing attack,</li> <li>• Databases, Relationships and SQL</li> <li>• Purpose and uses of Operating systems</li> <li>• Purpose and uses of utilities</li> <li>• Impacts of technology on wider society</li> <li>• Legislation relevant to computers</li> </ul>		



<b>MFL (French and Spanish)</b>			<p><b>THEME 1</b></p> <p>Topic 1: Me, my family and friends Relationships with family and friends, Marriage/partnership</p> <p>Topic 2: Technology in everyday life Social media Mobile technology</p> <p>Topic 3: Free-time activities Music Cinema and TV Food and eating out Sport</p> <p>Topic 4: Customs and festivals in Spanish-speaking countries/communities</p>		
		<b>FOUNDATION:</b>			
	Paper 1- Listening	Paper 1 (listening)- 35 minutes		-Knowledge organiser	<p><b>For speaking:</b></p> <p>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.</p>
		Paper 2 (speaking)-7-9 minutes		-RainfordMFL on Quizlet	
	Paper 2- Speaking (before Christmas)	Paper 3 (reading)- 45 minutes	<b>THEME 2</b>	-Vocabulary section on specification (remember there are also Quizlet lists for all of these!)	
Paper 3- Reading	Paper 4 (writing)- 1 hour	Topic 1: Home, town, neighbourhood and region	-Class work		
Paper 4- Writing	Paper 1 (listening)- 45 minutes	Topic 2: Social issues Charity/voluntary work Healthy/unhealthy living	-Speaking questions on Google Classroom and your flashcards		
	<b>HIGHER:</b>				
	Paper 1 (listening)- 45 minutes				
	Paper 2 (speaking)-10-12 minutes				
	Paper 3 (reading)- 1 hour				
	Paper 4 (writing)- 1 hour 15 minutes				
			<p><b>THEME 3</b> School Future plans including jobs, travel, future studies</p>		
			<p>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.</p>		
			<p>Speaking answers should be <b>thoroughly</b> revised- not just your chosen theme.</p>		



<p style="text-align: center;"><b>Geography</b></p>	<p>2 papers – 1 hour 30 minutes each</p> <p>Paper 1 – Living with the physical environment plus Pre-Release question (from Paper 3)</p> <p>Paper 2 – Challenges in the Human Environment</p>	<p><b>Paper 1 content</b></p> <p><b><u>Rivers and coasts</u></b>          -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          -Skills – OS Maps skills including 6 figure grid references and measuring distance on a map, and how to interpret map symbols          -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</p> <p><b><u>Living World</u></b>          Ecosystems overview – components of an ecosystem (producers, consumers, decomposer etc), food chains, food webs and changes within an ecosystem that may affect its balance</p> <p><b><u>Tropical rainforest</u></b>          Factors involved in its formation and biodiversity level – location, climate, nutrient cycle; Ecological value of the tropical rainforest – good and services          Management of Tropical rainforest – different approaches to sustainable management at a range of scales – local vs global approaches</p> <p><b><u>Cold environments</u></b>          Characteristics of cold environments – polar and tundra; Adaptations of plants and animals to cold environments          Challenges and opportunities of cold environments – C/S Svalbard Fragility of cold environments and how they can be managed  <b>Pre-Release Materials – Tudeley Village Development – copies provided in lesson</b></p> <p><b>Paper 2 Content</b></p> <p><b><u>Urban Issues and Challenges</u></b> Introduction to urbanisation – causes of urbanisation – push and pull factors; migration vs natural increase; differences between LIC and HICs  <b>NEE case study – Rio de Janeiro/HIC case study - Liverpool</b>          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.</p> <p><b><u>Resource Management</u></b>          -Global overview of food, energy and water          -Food, energy and water in the UK          -Understanding the issues of water insecurity and links to development; Importance of water security for development and the consequences of water insecurity          - Different strategies to ensure water security and sustainable water management including dams and reservoir, water transfer schemes, desalination, sustainable water schemes and large-scale case study – Lesoto and local water management case study – Wakel</p> <p><b><u>Changing Economic World</u></b>          What is development and strategies to close the development gap.  <b>NEE case study – India</b> – Global importance of India, how and why has its economy changed over time. Role of TNCs in India – positives and negatives of Coca Cola. Impacts of development in India – social and environmental consequences, India and the wider world  <b>HIC case study – UK Economy</b> – How and why has UK economy changed over time? Post industrial economy and science/business parks. Impact of industry on the environment and how it can be made more sustainable. Rural environments – challenges and change. Transport in the UK and role in development and UK and the wider world</p>	<ul style="list-style-type: none"> <li>• Google classroom</li> <li>• Class books and files</li> <li>• Mock your Memory Homeworks</li> <li>• Revision strategies (covered last year)</li> <li>• Revision clocks</li> <li>• Knowledge organisers</li> <li>• Revision guides</li> <li>• Past papers and mark schemes</li> <li>• Feedback from previous assessments</li> </ul>	<p>Look at the marks available for each question, it will give you an indication of how much to write, points to make.</p> <p>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.</p> <p>On assess and evaluate questions make sure to include a variety of approaches or include a balanced approach to an issue</p>
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<p><b>Religious Studies</b></p>	<p><b>Paper 1</b> Christianity and Judaism</p>	<p>1 hour 45 minutes</p>	<p><b>Section 1: Christian Beliefs</b>  The nature (characteristics) of God in Christianity  The problem of evil and suffering  Christian Beliefs about the afterlife  The Incarnation  The Crucifixion  Original Sin and Salvation</p> <p><b>Section 2: Christian Practices</b>  Christian Worship  Baptism  Christian festivals (Christmas and Easter)  Church Growth  Reconciliation</p> <p><b>Section 3: Judaism Beliefs</b>  The nature of God in Judaism  Jewish beliefs about life after death  The covenant with Abraham  Jewish Key Moral Principles (justice, healing the world and charity)  Free will and Mitzvot</p> <p><b>Section 4: Judaism Practices</b>  Worship in Judaism  Shabbat  Birth Ceremonies  Bar and Bat Mitzvah  Jewish Festivals: Rosh Hashanah, Yom Kippur and Pesach</p>	<p>Google classroom has copies of all resources used in lessons and hard copies have been provided in lessons. Review the SLCs from all completed units so far and check you have all the notes available. Use revision guides to supplement knowledge further</p>	<p>To help with your revision, use the following resources:</p> <ul style="list-style-type: none"> <li>• Knowledge Organisers</li> <li>• Course textbooks</li> <li>• Student Learning Checklists</li> <li>• Seneca</li> <li>• YouTube (Ben Wardle, Mr Finlayson etc.)</li> <li>• Google Forms on Google Classroom</li> <li>• Exam Guidance lists</li> </ul>
<p><b>Childcare</b></p>	<p>Paper 1</p>	<p>1 hour 15 mins</p>	<ul style="list-style-type: none"> <li>• Roles and responsibilities of Parenthood</li> <li>• Understanding antenatal care and planning for birth</li> <li>• Understanding postnatal checks, postnatal provision and development</li> <li>• Childhood illnesses and diseases and child safety</li> </ul>	<p>GC Where are resurces are stored</p>	<p>Youtube video , revision booklet and worksheets, past papers.</p>

<p><b>Music</b></p>	<p>Component 3: Responding to a commercial music brief</p>	<p>Preparation in lessons prior to practical exam</p> <ul style="list-style-type: none"> <li>• 5 hour practical exam</li> <li>• 1 hour written evaluation</li> </ul>	<ul style="list-style-type: none"> <li>• Preparation for creation of finished product</li> <li>• Knowledge of key features of chosen genre to include: Instrumentation Harmony (use of chords) Rhythm Use of technology Tempo Texture Melody</li> <li>• 1 genre selected from: Rock and Roll Blues EDM Reggae</li> </ul>	<p>Google Classroom Component 3</p>	<p>Refer to KOs on GC, Component 1 slides and flashcards</p>
<p><b>Performing Arts</b></p>	<p>Component 3: Responding to a brief</p>	<p>Preparation in lessons prior to practical exam</p> <ul style="list-style-type: none"> <li>• 5 hour practical exam</li> </ul>	<p>Preparation in lesson will be working towards the 4 activities which make up the Component 3 external exam</p> <p><b>Activity 1:</b> Ideas log (1hr written paper)  <b>Activity 2:</b> Skills log (1hr written paper)  <b>Activity 3:</b> Performance (7-15min practical performance)  <b>Activity 4:</b> Evaluation log (1hr written paper)</p>	<p>Google Classroom Component 3</p>	<ol style="list-style-type: none"> <li>1. Practical preparation-rehearsal for the performance (Activity 3)</li> <li>2. Knowledge of key features of chosen style, skill and techniques which will be used in the performance</li> <li>3. Written exam structure for the 3 written papers, Activity 1, 2 and 4</li> <li>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</li> </ol>

P.E.	Paper 1 - Physiological factors	1 hour	<p><b>Physical factors affecting performance (Paper 1)</b></p> <p>1.1 Applied anatomy and physiology 1.1.c. Movement analysis • Lever systems • Planes of movement and axes of rotation</p> <p>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</p>	GCSE google classroom	<ul style="list-style-type: none"> <li>• Everlearner video resources</li> <li>• Google classroom video resources</li> <li>• Flashcards that you have created through the course so far</li> </ul>
	Paper 2 - Psych / sociocultural	1 hour	<p><b>Socio-cultural issues and sports psychology (Paper 2)</b></p> <p>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</p> <p>2.2 Sports psychology 2.2.3. Goal setting</p> <p>2.2.5. Types of guidance 2.2.6. Types of feedback</p> <p>2.3 Health, fitness and well-being 2.3.1. Health, fitness and well-being 2.3.2. Diet and nutrition</p>		

<p><b>Resistant materials</b></p>	<p>Component 1: Design and Technology in the 21st Century</p>	<p>2 hours</p>	<p>Drawing methods / styles: Working Drawings, 3rd Angle Orthographic Drawings, Isometric Drawings. Forces and motions. Gears and pulleys. Mechanical advantage. Ratios. Levers. Stock forms. ISO. GSM. Scales. Woods from Coniferous and Deciduous trees (Softwoods and Hardwoods). Finish types. Manufactured Board types and how they are made. Metals and their properties. Thermoplastics and Thermosetting Plastics and their properties. Customer Pull / Technology Push. Manufacturing – CAD/CAM advantages and disadvantages. Maths questions. Problem solving. Finite / Non-Finite Materials. Environmental Factors: Sustainability. FSC. Social and Moral factors. SMART Materials. Textiles. Photovoltaic. Composites.</p>	<p>Coursework/ theory files</p>	<p>-Review Y10/11 theory files -Use of flashcards for key terms -Past paper questions</p>
<p><b>Hospitality &amp; Catering</b></p>	<p>Unit 1 Paper: The Hospitality and Catering Industry</p>	<p>1hr 30mins</p>	<p>1.1.1 Hospitality and Catering Providers Commercial /Non Commercial – Residential/ Non Residential 1.1.2 Working in the hospitality and catering industry – Personal attributes - Qualifications and experience 1.1.3 Working conditions in the hospitality and catering industry – Contract – Benefits 1.1.1 Hospitality and Catering Providers Residential service: 5 Star Hotels - Services 1.1.4 Hospitality and Catering Providers – Contributing factors to the success of hospitality and catering provision •Social media – Impact on business • printed media (newspaper, magazines) • broadcast (television, radio) • internet (social media, websites) • competitive (other establishments) 1.1.2 Working in the hospitality and catering industry The following types of employment roles and responsibilities within the industry: 1.2.1 The operation of the front and back of house 1.4.1 Food related causes of ill health 1.4.2 Symptoms and signs of food-induced ill health 1.4.4 The Environmental Health Officer (EHO)</p>	<p>Coursework/ theory files</p>	<p>-Refer to KOs on GC -Use of flashcards for key terms -Past paper questions</p>

<b>Photography</b>	Practical Mock Exam	4 hours (5 hours for extra tme)	Developing and refining outcomes from the Self Directed Project	Component 1 coursework projects, Google Classroom Resources and teacher feedback	NA
<b>Fine art</b>	Practical Mock Exam	4 hours (5 hours for extra tme)	Developing and refining outcomes from the Self Directed Project	Component 1 coursework projects, Google Classroom Resources and teacher feedback	NA
<b>Textiles</b>	Practical Mock Exam	4 hours (5 hours for extra time)	Developing and refining outcomes from the Self Directed Project	Component 1 coursework projects, Google Classroom Resources and teacher feedback	NA
<b>Graphics</b>	Practical Mock Exam	4 hours (5 hours for extra time)	Developing and refining outcomes from the Self Directed Project	Component 1 coursework projects	NA