

Year 11 Trial Exam Topics and Papers - December 2024

The Year 11 Trial Exams will run between **2nd December - 19th December 2024**. These assessments will allow students to demonstrate their ability in their subjects, supported by tailored revision using the information below.

Please see below for details of exam papers in each subject, with topics to be revised. This information is being sent out now in order to help students to prepare as best as possible for these exams. A draft exam timetable is also available and can be found on the website under Student Zone / Exams Information.

When not in exams, students will remain in school and will be revising with their teachers in lessons.

Year 11 is always a stressful time for students. If you are experiencing stress please reach out to your tutor, Mr Neville or Mrs Foster. You are not in this alone; we are all here to help.

Subject	Paper name and length	Topics to revise	Useful links / advice
Art	Art exam- 2 days	The theme is “Lock” and they will be creating a final piece demonstrating their ideas and inspiration from an artist. This will be marked for AO4 and complete this coursework project	Take lots of creative photos Practise your ideas Take risks Be original
Business	Paper 1: Investigating a Small Business (1hr 45 mins)	Paper 1: Investigating a Small Business 1.1 Enterprise and Entrepreneurship 1.2 Spotting a business opportunity 1.3 Putting a business idea into practice 1.4 Making the business effective 1.5 Understanding external influences on business	Paper 1 is based on topics studied in Year 10 Paper 2 is based on topics studied since September 2024 Exam preparation: → Use the PLCs to ensure you have notes on all the topics → Use your Electronic workbooks → Revise class notes (both in exercise books and on Google Classroom)

			<p>→ Complete SENECA & Educake Revision tasks</p> <p>→ You must be familiar with the different types of questions asked</p> <p>→ Complete past exam papers</p> <p>→ Practise your 3, 6, 9 and 12 mark response structure</p> <p>→ Study your formulas</p> <p>Business Exam Techniques</p> <p>Edexcel GCSE Business Assessment Support website</p>
Computer Science	<p>Paper 1 - Computer systems (1 hour 30 mins)</p> <p>Paper 2 - : Computational thinking, algorithms and programming (1 hour 30 mins)</p>	<p><u>Paper 1</u></p> <p>1.1 Systems architecture</p> <p>1.2 Memory and storage</p> <p>1.3 Computer networks, connections and protocols</p> <p>1.4 Network security</p> <p>1.5 Systems software</p> <p>1.6 Ethical, legal, cultural and environmental impacts of digital technology</p> <p><u>Paper 2</u></p> <p>2.1 Algorithms</p> <p>2.2 Programming fundamentals</p> <p>2.3 Producing robust programs</p> <p>2.4 Boolean logic</p> <p>2.5 Programming languages and Integrated Development Environments</p>	<p>Use specification for content clarification: https://www.ocr.org.uk/Images/558027-specification-gcse-computer-science-j277.pdf</p> <p>Practice papers: https://www.ocr.org.uk/qualifications/gcse/computer-science-j277-from-2020/assessment/</p> <p>Use google classroom for access to worksheets and model answers along with other resources</p> <p>Use CGP revision guide and workbook regularly and use RAG sheets.</p>
Design & Technology	<p>AQA Design & Technology 8552 [2 Hours]</p>	<p>A. Core technical principles</p> <p>a. Metal 88-89</p> <p>b. Mechanical devices C13</p> <p>c. Material properties P80</p> <p>d. Composite materials – 55 106</p> <p>e. Areas/Volume /Percentages</p>	<p>GCRoom, Textbooks and suggested Technology websites such as www.technologystudent.com to help you with this revision process.</p> <p>Just remember that while doing your NEA you were also learning the theory.</p>

		<p>f. Thermoforming and thermosetting polymers</p> <p>g. Textiles 95</p> <p>h. Timber C15 84-87</p> <p>i. Paper & boards C14 81-83</p> <p>j. System C11 P60</p> <p>B. Specialist technical principles</p> <p>a. Areas / volumes / percentages</p> <p>b. Material properties C16-C18</p> <p>c. Stock forms:</p> <p>i. Metals - 166</p> <p>ii. Paper and boards - 133</p> <p>iii. Polymers – 204</p> <p>iv. Timbers – 151</p> <p>d. Surface treatments – C50 284-286</p> <p>e. Ecological issues – P112-118</p> <p>C. Design and making principles</p> <p>a. Understanding the DT glossary[GCRm]</p> <p>b. Anthropometrics P239-240</p> <p>c. Ergonomics P240</p> <p>d. Tessellation P277</p> <p>e. 3rd angle orthographic DrawingP263</p> <p>f. Design fixation P256</p> <p>g. Tolerance P222+P161</p> <p>h. Focus groups P239</p>	
Drama	Component 1 Written Exam	A. Job Roles & Responsibilities Theatre Stage Map/Positions	<ul style="list-style-type: none"> • BBC Bitesize

		<p>Types of Stage</p> <p>B. Answer Questions regarding Set Text - Blood Brothers, How to design a costume, lighting, sound, set/props. How to perform as a character - intended impact of this</p> <p>C. Theatre Review - evaluation of the performance of others</p>	<ul style="list-style-type: none"> ● Retrieval Booklet ● Blood Brothers text with annotations ● Exercise Book notes! ● One Man Two Guvnors Notes ● Rewatch One Man 2 Guvnors
Economics	<p>Paper 1 Introduction to Economics (1 hour 30)</p> <p>Paper 2 National and International Economics (1 hour 30)</p>	<ul style="list-style-type: none"> ● Economic problem, Opportunity costs, factors of production ● Demand and Supply ● Production Costs and Revenues ● Competition ● Labour Market ● Specialisation ● Elasticity ● Unemployment ● Inflation/price stability ● Economic policies - Monetary, fiscal, supply side ● Economic growth 	<p>→ Use the PLCs to ensure you have notes on all the topics</p> <p>→ Revise class notes (both in exercise books and on Google Classroom)</p> <p>→ Complete Online Revision tasks</p> <p>→ Become familiar with the different types of questions asked</p> <p>→ Complete past exam papers</p> <p>→ Practise your 6 mark response structure - Analyse vs Evaluate</p> <p>→ Study your formulas</p> <p>Links to Past Papers</p> <p>Link to the specification</p>
English Language	English Language Paper Two (1 hour 45 mins)	Non-fiction reading and writing	<p>Seeing as this paper is based on nonfiction texts, watch/ read the news to stay on top of current events. This will be useful for the writing section of the exam.</p> <p>Locate your English Language notes book and review notes from Year 10.</p>

			<p>Use the practice papers we have completed together as a walking talking mock in class, as well as the guidance booklet to help you work through practice papers that will be available on the English Language Google Classroom.</p> <p>Make use of the mini-mocks that have been provided as part of your ongoing home learning revision schedule.</p> <p>Focus on the questions in which you scored the lowest in your Spring and Summer Term in-class assessments for both papers. Also focus on the Autumn Term nonfiction writing assessment undertaken recently. Prioritise the questions you need to gain the most marks for.</p> <p>Mr Bruff makes excellent revision videos on his YouTube channel.</p>
<p>English Literature</p>	<p>A paper comprising of 2 sections from English Literature Paper Two: <i>Poetry and Modern Drama</i></p> <p>(Total time 1 hour 30 minutes)</p>	<ul style="list-style-type: none"> ● Power and Conflict poetry anthology ● 'An Inspector Calls' 	<p>Locate your blue books for each topic and look back over your notes from Years 9 and 10.</p> <p>Make use of the topic based Google Classrooms (Power and Conflict and 'An Inspector Calls') that have been made available to you for your revision.</p> <p>Utilise the revision materials, such as flash cards, you have been making each week as part of your revision schedule home learning.</p> <p>Make use of the key quotes we have been revising as part of our starter tasks in class.</p>

			<p>Use the in-class assessments from the Autumn Term of Year 11 to help you focus on the Assessment Objectives that you need to develop as a priority.</p> <p>Use Massolit to develop your understanding of the texts, especially if you are aiming for Level 5 or 6.</p> <p>Mr Bruff makes excellent revision videos on his YouTube channel.</p>
<p>Food Preparation & Nutrition</p>	<p>AQA Food Preparation & Nutrition (1hr 45mins)</p>	<p>Section A is 20 multiple choice questions. Section B includes questions relating to...</p> <ul style="list-style-type: none"> ● Food Poisoning (types, symptoms, causes, preventative measures etc) ● Use of the temperature probe ● Functions of nutrients (why we need them) ● High and low biological value protein ● Meeting the nutritional needs of the elderly ● Genetically modified foods ● Food security ● Sustainable food choices ● How to identify allergens on labels ● Gluten intolerance ● Lactose intolerance ● Reasons for cooking food ● Radiation (as a cooking method). ● Functions of fats. Eggs and flour ● Caramelisation ● Common problems that may arise during baking. 	<p>Base your revision predominately on the Exam Preparation booklet and tasks completed in class in the lead up to the exam.</p> <p>Your class notes (Booklet) from Year 10 will also be very useful. This can be collected from the Food department at any time.</p>

Geography	<p>Paper 1: Our Natural World (1 hr)</p> <p>Paper 2: People & Society (1 hr)</p> <p>Combined as one paper for 2 hours</p>	<p>Paper 1:</p> <ul style="list-style-type: none"> ● Global Hazards ● Changing Climate ● Distinctive Landscapes ● Sustaining Ecosystems <p>Paper 2:</p> <ul style="list-style-type: none"> ● Urban Futures ● UK 21st Century ● Dynamic Development ● Resource Reliance 	<p>Use all of the guidance given by the teacher in class and via loom intervention sessions.</p> <p>Use Google Classroom so you are again able to access the material placed there.</p> <p>Central Geography Google Classroom will be created and populated with prior content to support revision.</p> <p>Links to BBC bitesize and knowledge organisers will be put on Google Classroom.</p> <p>Use the specification as a revision guide - all lessons follow the specification. This will ensure you do not miss anything and give you a step by step guide of what to revise. A digital copy will be on the Google Classroom.</p>
History	<p>Paper 1: Germany & Conflict & Tension (2 hours)</p> <p>Paper 2: Power & the People & Restoration (2 hours)</p>	<p>Paper 1: specification</p> <p>Paper 2: specification</p>	<p>Use the exam technique in your revision book to prepare for the exam.</p> <p>Reflect on the specification to revise the content required for the exam.</p>
Maths	<p>Paper 1 - non calculator (1hr 30 mins)</p> <p>Paper 2 - calculator (1hr 30 mins)</p>	<p>All topics can be assessed as they all link and are interwoven together. Units 1-14 (entire AQA specification) will be throughout the three papers.</p>	<p>Equipment required: SCIENTIFIC CALCULATOR (for papers 2), pen, pencil, ruler, protractor, compass</p> <p>All GCSE term tracker sheets (Units 1-14) are on Google classroom 'Topic Trackers'</p> <p>Revision resources:</p> <ul style="list-style-type: none"> - Just maths - M4ths revision booklet

			<ul style="list-style-type: none"> - CGP books - Corbett maths - Available past papers from AQA website - Dr Frost maths - Maths Genie - Maths Bot
Media Studies	Paper 1 Exploring the Media (1 hr 30 mins)	<p>Paper 1: Exploring the Media</p> <p><u>Section A</u> (Media Language/Representation/Contexts):</p> <ul style="list-style-type: none"> ● Newspapers - The Guardian ● Marketing - Man with the Golden Gun ● Unseen - Film Posters <p><u>Section B</u> (Industry/Audience):</p> <ul style="list-style-type: none"> ● The Archers ● Fortnite 	<p>Use all of the guidance and materials given by the teacher in class & on Google Classroom.</p> <p>Mrs Fisher's Youtube channel for revision support Mrs Fisher - YouTube</p>

MFL	<p>Paper 1 (in class) 1 hour</p> <p>Paper 3 1 hour</p> <p>Paper 2 one-to-one by appointment: 12 minutes prep time + 12-15 minutes exam</p> <p>Paper 4 1 hour (translation completed in lesson)</p>	<p>Listening Paper 1 and Reading 3: Family; Technology; Freetime activities; Customs and Festivals; Local area; Global issues; Travel and Tourism; School; Careers and jobs</p> <p>Speaking Paper 2 Writing Paper 4: Family; Technology; Freetime activities; Customs and Festivals; Local area; Healthy living; Global issues; Travel and Tourism; Careers and jobs</p>	<p>EXAM PREPARATION</p> <p>CGP complete revision guide which covers all units and has practice questions on all topics; Class notes; Sentence builders and knowledge organisers. Conversation booklet Revision booklets from class Grammar summary booklet Quizlet vocabulary</p>
Music	<p>Paper: 1hr 15</p>	<ul style="list-style-type: none"> ● 2 set works (Africa and Bach) ● 6 Unfamiliar Listening Questions (Music for Ensembles, Pop Music, Film Music, Musical Devices and Forms) ● Musical Dictation 	<p>All notes and revision videos will be uploaded onto the General Music GCSE classroom</p>
PE	<p>Paper 1: 1hr 45min</p>	<p><u>Paper 1: Fitness and Body Systems</u></p> <ul style="list-style-type: none"> ● The structure and functions of the musculoskeletal system ● The structure and functions of the cardiorespiratory system ● Anaerobic and aerobic exercise ● The relationship between health and fitness and the role that exercise plays in both ● The components of fitness, benefits for sport and how fitness is measured and improved ● The principles of training and their application to personal exercise/ training programmes ● How to optimise training and prevent 	<ul style="list-style-type: none"> ● Use your revision workbooks and revision guides provided. ● Use Everlearner website for practice papers and model answers: https://pages.theeverlearner.com/2022-edexcel-gcse-pe-revision ● Complete exam papers and questions ● Use Google Classroom to revisit previous lessons.

	Paper 2: 1hr 15min	<p>injury.</p> <ul style="list-style-type: none"> ● Effective use of warm up and cool down ● The short- and long-term effects of exercise <p><u>Paper 2: Health and Performance</u></p> <ul style="list-style-type: none"> ● Physical, emotional and social health, fitness and wellbeing ● The consequences of a sedentary lifestyle ● Energy use, diet, nutrition and hydration ● Classification of skills (basic/ complex, open/closed) ● The use of goal setting and SMART targets to improve and/or optimise performance ● Guidance and feedback on performance ● Mental preparation for performance 	
Photography	Photography exam 2 days. Component One 60% GCSE	Students are working on creative and advanced edits from their photoshoots. Each student is working on individual projects. They will be completing their body of work showing a project with clear progression, development and refinement that has been influenced by outside artists.	Use photoshop or physical means to successfully edit your images. Provide a series out of your work. Make sure each set has been completed with subject specific terminology. Templates and resources have been used. Previous projects have been completed.
RE (Yr10 SC)	Paper 1 - One hour	Christian Beliefs and Relationships and Family	Revision clocks on all for both topics Revision guides. Practice questions and revision material will be uploaded to Google classroom

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