Year 11 Trial Exam Topics and Papers - December 2023

The Year 11 Trial Exams will run between 4.12.23 and 21.12.23. 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, Ms Hockley 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 min	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 Exam preparation: Use the plcs to ensure you have notes on all the topics Revise class notes Complete SENECA tasks You must be familiar with the different types of questions asked and know how to structure your answers each type Complete past exam papers

Computer Science	Paper 1 - Computer systems (1 hour 30 mins)	Paper 1 1.1 Systems architecture 1.2 Memory and storage 1.3 Computer networks, connections and protocols 1.4 Network security 1.5 Systems software 1.6 Ethical, legal, cultural and environmental impacts of digital technology	Use specification for content clarification: https://www.ocr.org.uk/Images/558027-specification- gcse-computer-science-j277.pdf Practice papers: https://www.ocr.org.uk/qualifications/gcse/computer-s cience-j277-from-2020/assessment/ Use google classroom for access to worksheets and model answers along with other resources
	Paper 2 - : Computational thinking, algorithms and programming (1 hour 30 mins)	Paper 2 2.1 Algorithms 2.2 Programming fundamentals 2.3 Producing robust programs 2.4 Boolean logic 2.5 Programming languages and Integrated Development Environments	Use CGP revision guide and workbook regularly and use RAG sheets.
Design & Technology	AQA Design & Technology 8552 [2 Hours]	 Technical Textiles [C10] Systems approach to designing [C11] Sustainability & Environment [C2:P6-12 & 113] Mechanical Devices [C13:P70-76] Modern Materials [C8:P43-48] Material Properties [P80] Paper & Boards [C14:P81-83] Polymers [C17:P91-94] Natural & Manufactured Timbers [C15:P84-87] Metals [P172-173] Forces [C19:P102-109] General Maths ie. Angles/Area/Percentages and percentage increase etc Selection of Materials & Components [C46:P270-272] 	We have covered all of these points. This is now just repetition of learning - please use your Cornell Notes, GCRoom, Textbooks and suggested Technology websites such as www.technologystudent.com to help you with this revision process. Just remember that while doing your NEA you were also learning the theory.

		 Stock forms - 169+221, 139, 187, 205, 154 and generally Q5 P235. Ecological & Social footprint [C21:P111-118] 6 R's [C22:P119-123] Deforestation [P114-150] Evaluate & Analyse flat packed furniture from IKEA Deformed & Reformed:[Timber/Metal/Polymers & Textiles] Commercial Processes [P177] Processes: Paper & Boards P144/Metals P177, 195, 230/Timbers P 157-160/Polymers/Textiles P212 Wasting by hand [P 156-157] Know how to do an Exploded drawing. Cutting [P137-138] Shearing Quality Control [P197] & Quality outcomes using a Laser/overlocker/Vacuum former/3D Printer or Centre lathe. Dimensional Accuracy - P178, P161, P197, P214. Registration accuracy 144. Process time P64 Datum Point 	
Drama	Component 1 Written Exam	 A. Job Roles & Responsibilities Theatre Stage Map/Positions Types of Stage 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 	 BBC Bitesize Retrieval Booklet Blood Brothers text with annotations Exercise Book notes! Woman in Black Notes

		C. Theatre Review - evaluation of the performance of others	Re-watch Treasure Island or One Man 2 Guvnors MAKE NOTES
Economics	Paper 1 Introduction to Economics (1 hour 30)	 Demand and Supply Costs and Revenues Opportunity costs Competition Economies of Scale Specialisation Price elasticity of supply 	Use past exam questions and feedback to improve your writing styles. This can include old style questions (just remember to adapt them to the current format). Revise by practising questions under timed conditions.
	Paper 2 National and International Economics (1 hour 30)	 Unemployment Inflation/price stability Supply-side policies Economic growth Exchange Rates 	
English Language	English Language Paper Two (1 hour 45 mins)	Non-fiction reading and writing	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.
			Locate your English Language notes book and review notes from Year 10.
			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.
			Make use of the mini-mocks that have been provided as part of your ongoing home learning revision schedule.

			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. Mr Bruff makes excellent revision videos on his YouTube channel.
English Literature	A paper comprising of 2 sections from English Literature Paper Two: Poetry and Modern Drama (Total time 1 hour 30 minutes)	 Power and Conflict poetry anthology 'An Inspector Calls' 	Locate your blue books for each topic and look back over your notes from Years 9 and 10. Make use of the topic based Google Classrooms that have been made available to you for your revision. Utilise the revision materials, such as flash cards, you have been making each week as part of your revision schedule. Make use of the key quotes we have been revising as part of our starter tasks in class. 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. Mr Bruff makes excellent revision videos on his YouTube channel.
Food Preparation & Nutrition	AQA Food Preparation & Nutrition (1hr 45mins)	 Reasons for adopting a vegan/vegetarian diet How to cater for a vegan diet Sensory analysis/sensory profiling 	Base your revision predominately on the Exam Preparation booklet and tasks completed in class in the lead up to the exam.

		 How to add colour, flavour and texture to dishes How cheese is made How to maintain a healthy diet What are seasonal foods and their advantages How to reduce food waste and how this impacts the environment Function of gluten in bread making Common problems when baking Emulsions Use-by and best before dates Food safety and hygiene Food poisoning 	Your class notes (Booklet) from Year 10 will also be very useful. This can be collected from the Food department at any time.
Geography	Paper 1: Our Natural World (1 hr 15 min) Paper 2: People & Society (1 hr 15 min)	Paper 1: Global Hazards Changing Climate Distinctive Landscapes Sustaining Ecosystems Physical fieldwork Paper 2: Urban Futures UK 21st Century Dynamic Development Resource Reliance Urban fieldwork	Use all of the guidance given by the teacher in class and in the intervention sessions. Unarchive the year 9&10 Geography Google Classroom so you are again able to access the mountain of revision material placed there in the summer term of the last academic year, as well as all the year 9&10 lessons. Links to revision guide on Amazon, BBC bitesize, knowledge organisers will be put on Google Classroom. 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
History	Paper 1: Germany & Conflict & Tension (2 hours0	Paper 1: <u>specification</u>	what to revise. Use the exam technique in your revision book to prepare for the exam.

	Paper 2: Power & the People & Restoration (2 hours)	Paper 2: specification	Reflect on the specification to revise the content required for the exam.
Maths	Paper 1 - non calculator (1hr 30 mins) Paper 2 - calculator (1hr 30 mins) Paper 3 - calculator (1 hr 30 mins)	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.	Equipment required: SCIENTIFIC CALCULATOR (for papers 2 and 3), pen, pencil, ruler, protractor, compass All GCSE term tracker sheets (Units 1-14) are on Google classroom 'Topic Trackers' Revision resources: - Just maths - M4ths revision booklet - 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)	Paper 1 Newspapers The Guardian and The Sun (Media language and Representation) Quality Street This Girl Can (Media Language, Representation) Film No Time to Die (Industry) Video Games Fortnite (Audience and Industry)	Use all of the guidance and materials given by the teacher in class Quality Street print advert This Girl Can - This Girl Can advert

	Paper 2 Understanding Media forms and products (45 minutes) (Will need to play a digital video clip)	Paper 2 Luther(series 1 episode 1) / The Sweeney	Luther - BBC iPlayer - Luther Factsheet 1 - Media Language & Representation - Luther Factsheet 2 - Industry, Audience and Contexts The Sweeney Season 1 Episode 1 Ringer - video Dailymotion - The Sweeney Factsheet 1 - Media Language & Representation - The Sweeney Factsheet 2 - Industry, Audience and Contexts
MFL	Paper 1 (in class) 1 hour Paper 3 1 hour Paper 2 one-to-one by appointment: 12 minutes prep time + 12-15 minutes exam Paper 4 1 hour (translation completed in lesson)	Listening Paper 1 and Reading 3: Family; Technology; Freetime activities; Customs and Festivals; Local area; Global issues; Travel and Tourism; School; Careers and jobs 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	EXAM PREPARATION 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 Quizlet vocabulary
Music	Paper: 1hr 45	 All 8 set works An Essay on a set work and unfamiliar work Musical Dictation 	All notes and revision videos will be uploaded onto the General Music GCSE classroom
PE	Paper 1: 1hr 45min	Paper 1: Fitness and Body Systems 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	 Use your revision workbooks and revision guides provided. Use Everlearner website for practice papers and model answers:

Photography	Photography exam 2 days	 The use of goal setting and SMART targets to improve and/or optimise performance Guidance and feedback on performance Mental preparation for performance Each student is working on individual projects. They will be creating a body of work relating to that project by the end of the two days. 	Use photoshop to successfully edit your images. Provide a series out of your work.
	Paper 2: 1hr 15min	 Paper 2: Health and Performance 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) 	
		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 injury. Effective use of warm up and cool down The short- and long-term effects of exercise	https://pages.theeverlearner.com/2022-edexcel-gcse -pe-revision Complete exam papers and questions Use Google Classroom to revisit previous lessons.

RE	Paper 1& 2 combined (1hour 45)	Christian Beliefs and Muslim Beliefs Religion and Life, Crime and punishment 2 papers will be done together in 1hr and 45 mins	Revision clocks on all of these topics Revision guides. Practice questions and revision material will be uploaded to Google classroom
Science Combined	Paper 1 Biology Paper 2 Chemistry Paper 3 Physics	 Cells Transport in cells, Animals and Plants Non-Communicable disease Infectious Disease Bioenergetics (Photosynthesis and Respiration) Biological Response (Nerves and Hormones) Ecology Reproduction Humans and the Environment Atomic structure and the Periodic table Bonding Quantitative Chemistry Chemical Changes Hydrocarbons Sustainable development Chemical Analysis Energy Electricity Particle model of matter 	Revision resources are available from: Freesciencelesson man Malmsbury science Playlists will be issued for these two online resources SENECA learning BBC bitesize Revision guides are also available if you have not already purchased them from science (Info will go out when available on SQUID)
	All papers are 1H 30	Atomic structure and RadiationForcesWaves	

Science TRIPLE	Paper 1 Biology Paper 2 Chemistry	 Cells Transport in cells, Animals and Plants Non-Communicable disease Infectious Disease Bioenergetics (Photosynthesis and Respiration Biological Response (Nerves and Hormones) Ecology Reproduction Humans and the Environment Variation Atomic structure and the Periodic table Bonding Quantitative Chemistry Chemical Changes Hydrocarbons Atmosphere. Rates Sustainable development Chemical Analysis 	Revision resources are available from: Freesciencelesson man Malmsbury science Playlists will be issued for these two online resources SENECA learning BBC bitesize Revision guides are also available if you have not already purchased them from science (Info will go out when available on SQUID)
	Paper 3 Physics All papers are 2H	 Energy Electricity Particle model of matter Atomic structure and Radiation Forces Electromagnetism Motion 	