

Year 10 Trial Exam Content Information

Faculty	Subject	Paper tested	Specific areas of revision
Mathematics and ICT	Maths	Paper 1: Non Calculator	Key areas include number (fractions, decimals, percentages, rounding), algebra (equations, substitution, function machines), geometry (angles, constructions, transformations), data handling (averages, bar charts, stem-and-leaf), and basic probability. The Higher tier also includes surds, trigonometry, quadratic graphs, and ratio. Since it's a non-calculator paper, strong arithmetic and algebraic skills are essential. The paper features a mix of short and multi-step questions, testing both fluency and reasoning.
	Maths	Paper 2: Calculator	This paper tests similar topics to Paper 1 but allows a calculator. It covers error intervals and bounds; standard form; number work with fractions, percentages, ratio & proportion; algebra including quadratics, functions, inequalities; geometry and trigonometry (Pythagoras, sine/cosine, circle theorems); statistics (cumulative frequency, IQR, probability); and data handling (tables, graphs including velocity-time). It blends straightforward arithmetic and algebra fluency with multi-step reasoning, supported by calculator use for accuracy and efficiency
	Computer Science	Paper 1 and 2	Key areas covered in this paper: 1.1 - Computer Systems, 1.2 - Memory and storage including binary and hexadecimal, 1.3 - Computer Networks, 1.4 - Network Security, 1.5 - Systems Software, 1.6 - Ethical legal and cultural. There will also some be some algorithm and programming questions.

Communications	English	Paper 1 Language	The exam will be a full English Language paper 1. In Section A, there are 4 questions based on a short extract from a novel. The first question requires them to list 4 ideas from the text. The second question tests their ability to analyse language. The third question asks them to comment on the way in which the source is structured and the fourth question asks that they evaluate a statement. For Section B, the students will be given a choice of two stimuli and produce a piece of creative writing.
	English	Paper 1 Literature	In this paper, students will be required to answer 2 questions: the first is a 'Macbeth' question. Students will be provided with an extract from the play and asked how Shakespeare has presented a character or theme in the extract and in the play as a whole. The second question is based on Dickens' 'A Christmas Carol'. Students are given an extract and asked to comment on how a character or theme has been presented by Dickens in the extract and in the novella as a whole.
	French	Writing paper	Foundation Tier: There will be five questions. Q1: Write 5 short sentences about a photo. Q2: You will have five bullet points and you must write 50 words in total, covering all the bullet points you are given. Q3: You will have a grammar gap fill where you must choose the correct word to go in each sentence. Q4: A translation from English to French (around 35 words). Q5: You will have a choice of two questions. You will see three bullet points and you must write 90 words in total including all the bullet points on your chosen question. Higher Tier: There will be three questions. Q1: A 50 word translation from English to French. Q2: You will have a choice of two questions. You will see three bullet points and you must include all three in your 90 word piece of writing. Q3: You will have a choice of two questions and will see two bullet points. You will need to write 150 words including both bullet points. All revision material is available on Google Classroom.
	Spanish	Reading paper	Section A – reading comprehension questions in English, to be answered in English Section B – translation from Spanish into English, minimum of 35 words at Foundation tier and 50 words at Higher tier

Physical Sciences	Science	Combined Science Trilogy Paper 1: Biology	Biology: Key areas: Cells, Organisation, Photosynthesis and Respiration & The Immune System.
	Science	Combined Science Trilogy Paper 1: Chemistry	Chemistry Key areas: Atomic Structure & The Periodic Table, Bonding & Structure, Quantitative Chemistry, Chemical Changes and Energy Changes.
	Science	Combined Science Trilogy Paper 1: Physics	Physics Key areas: Energy, Electricity, Particle Model of Matter and Atomic Structure.
	Sports Studies	Component 3	Developing Fitness to improve other participant's performance in sport and physical activity Key areas include: The Components of Fitness, Fitness Testing, Training methods, and the application to example sports people.

Social Sciences	Business Studies	Paper 1	Key areas: Theme 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
	History	Combination of Paper 1 and 2	USA and Medicine The exam will be a combination of one topic from paper 1- America 1920-1973 (Opportunity and Inequality) and one topic from paper 2- Health and the People c1000 to the Present. Questions will be taken from section one and two for the America topic- The Economic Boom of the 1920s and the Great Depression and New Deal of the 1930s and for Health and the People from themes one and two Knowledge and Treatment of Disease and Surgery and Anatomy.
	Geography	Paper 2	UK's Human and Physical landscape. The UK's Human landscape section will look at the how the UK's economy is changing and regional differences (North east and South East), patterns of globalisation and the London case study, including the olympic site and The Docklands. The UK's physical section will look at coastlines and rivers. The Sandown Field work section will be 2 of the 6 areas of routes to enquiry.
	RE	Component 1	Religious, Philosophical, and Ethical issues in the Modern World Key areas: Relationships and issues of life and death

Creative and Technology	Food Technology	Paper 1	Food and Nutrition Key areas: Food, Nutrition and Health, Food Science, Food Safety, Food Choice, Food Provenance.
	Design Technology	Unit 1	Key areas: the Design core technical principles, specialist technical principles, Designing and Making.
	Music	Paper 3	Listening and Appraising The listening paper will cover all of the studied set works, along with a question on dictation and two questions incorporating unfamiliar music. Use the Medina College GCSE Music website for access to all revision materials, both for set works and also to revise key musical terminology.
	Drama	Paper 1	The paper will focus on the studied set works: Noughts and Crosses, specifically the characters of Ryan and Jude, and also the play 'Billy Elliot'
	Art	Contextual Challenge	Art contextual questions in the GCSE exam assess a student's ability to link their own work to a given starting point, explore artistic sources, and demonstrate an understanding of the context of their chosen theme. These questions focus on evaluating how well students connect their ideas, techniques, and processes to the starting point, other artists' work, and the broader cultural and social context.
	Photography	Contextual Challenge	Photography contextual questions in the GCSE exam assess a student's ability to link their own work to a given starting point, explore sources, and demonstrate an understanding of the context of their chosen theme. These questions focus on evaluating how well students connect their ideas, techniques, and processes to the starting point, other photographers' work, and the broader cultural and social context.
	Graphics	Contextual Challenge	Graphic contextual challenges require students to demonstrate their ability to research, analyse, and relate their own work to relevant sources, including art history, contemporary practice, and other relevant materials.
	Child Development	Paper 1	Child Development and Early Years Key areas: Development milestones, transitions, and factors that influence
	Health and Social Care	No exam	There will not be a HSC exam in this trial series. Year 10 consists of coursework only assessment, with the exam unit content covered in Year 11.