

Year 13 Trial Exam Topics and Papers - December 2024

The Year 13 Trial Exams will run between 2nd Dec-13th Dec 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 / Exam Information. From 2nd December 2024 Year 13 students will be on study leave when not in exams.

Year 13 can be a stressful time for students. If you are experiencing stress please reach out to your tutor, Mrs Lane or Mrs Coyle. You are not in this alone; we are all here to help.

| Subject | Paper name and length | Topics to revise | Useful links/ advice |
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| Art | Art exam -2 days Finishing Component 1 60% of their mark | Final piece produced from their personal project. This should be an advanced, sophisticated outcome that draws together all their influences | Dynamic photos Unexpected journey, Experimentation with a large range of materials Imaginative links to numerous artists Independent gallery visits |
| Biology | Biology paper 1: AS plus content from DCB Biology paper 2: AS plus content from GFH Both 1h 30 | Both papers cover all AS content. DCB will include the A2 topics covered to date including Photosynthesis and all Required practicals covered in class GFH will include Forensics and modern Genetic techniques, Energy through the Ecosystem and Global warming. | All past papers used in tests and end of topic test will be useful. Packs of questions are available on the Biology handbook google classroom alongside tutorials and looms. SENECA learning, Ms Estruch youtube channel and Spolem.org.uk are other places to get resources. |

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| Business | PAPER 2: BUSINESS ACTIVITIES, DECISIONS AND STRATEGY DURATION: 2 hours MARKS: 90 MARKS | Theme 2: Managing business and activities 2.1 Raising Finance 2.2 Financial Planning 2.3 Managing Finance 2.4 Resource Management 2.5 External Influences Theme 3: Business decisions and strategy 3.1 Business Objectives & Strategies 3.2 Business Growth 3.3 Decision Making Techniques | Exam preparation: ➤ Your notes for each theme must be completed - use the PLCs to help you ➤ Seneca tasks ➤ Exam techniques - make sure you know how to answer each style of question ➤ Go over past exam papers - refer to mark schemes and examiners reports |
| Chemistry | Paper 1 - Physical and Inorganic Chemistry (1hr 30 mins) Paper 2 - Organic and Further Inorganic Chemistry (1hr 30 mins) | Paper 1: topics 1-5,8,10,11,12,13,16 covered up to Dec Paper 2: topics 2,3,5,6,7,9,16 and all parts of further organic that have been covered up to Dec | Physics and Maths tutor Seneca learning Free science lessons on YouTube now has A Level content Allery Chemistry YouTube Exam revision packs on google classroom |
| Computer Science | Paper 1 - Computer Systems (2 hours) | <u>Paper 1: (Unit 1,2,3,4,5,6,7,8,9)</u> <ul style="list-style-type: none"> ● The characteristics of contemporary processors, input, output and storage devices ● Software and software development ● Exchanging data ● Data types, data structures and algorithms ● Legal, moral, cultural and ethical issues | Make use of specification: https://www.ocr.org.uk/Images/170844-specification-accredited-a-level-gce-computer-science-h446.pdf Practice papers: https://www.ocr.org.uk/qualifications/as-and-a-level/computer-science-h046-h446-from-2015/assessment/ Revision using resources on Google classroom(year 12 classroom is still active to |

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| | Paper 2- Algorithms and Programming (2 hours) | <p><u>Paper 2: (10,11,12)</u></p> <ul style="list-style-type: none"> • Elements of computational thinking • Problem solving and programming • Algorithms to solve problems and standard algorithms | <p>access)</p> <p>Use RAG sheets during revision</p> |
| Economics | <p>Paper 2: National and International Economy (2 hours)</p> <p>Paper 3: Economic principles and issues (1 hour 30)</p> | <p>Growth, GDP Productivity, living standards Inflation Unemployment (NRU, benefits & costs) Multiplier & Accelerator Fiscal policy</p> <p>Economic development Economic policies & objectives Government debts Economic indicators</p> | <ul style="list-style-type: none"> → Use the PLCs to ensure you have notes on all the topics → Revise class notes (both in exercise books and on Google Classroom) → Complete Online Revision tasks → Become familiar with the different types of questions asked → Complete past exam papers → Practise your 9, 15 and 25 mark response structure - Analyse vs Evaluate → Study your formulas <p>Economics Assessment Resources Interactive link to specification Link to teacher's PPT slides EconplusDal Macro Econ Playlist EconplusDal Micro Econ Playlist</p> |
| English Literature | <p>Paper 1 (2hrs)</p> <p>Paper 2 (2hrs)</p> | <ul style="list-style-type: none"> • 'Hamlet' and 'The Merchant's Tale' • Unseen American prose; 'The Great | <p>Use Charlotte Unsworth's close analysis guide and Oxford Study Guide to revise 'Hamlet'; Use 'Hamlet' and 'Merchant's Tale' Google Classrooms - focus on the tasks in the <i>Year 13 Trial Exam Preparation</i> folders in these classrooms.</p> <p>Independent Unseen Booklet: aim to do one a</p> |

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| | | Gatsby' and 'The Grapes of Wrath' | <p>week up to the Trial Exams; Use 'Gatsby' and 'Grapes' Google Classrooms.</p> <p>Use Massolit for both papers, using the lectures to support both your knowledge of the texts and critical ideas.</p> |
| Further Maths | <p>Paper 1 - Pure A2 (same as maths) (2hr)</p> <p>Paper 2 - Applied A2 (2hr)</p> | <p>Paper 1 and 2 will cover any A2 maths content. Paper 1 is pure content and paper 2 is applied (statistics and mechanics) content.</p> | <p>Complete past papers and all practice questions given by your teachers</p> <p>Use kerboodle and pearson textbooks for examples and additional questions</p> |
| Geography | <p>Paper 1 (2 hrs)</p> <p>Paper 2 (1 hour 30)</p> | <p>Paper 1:</p> <ul style="list-style-type: none"> • Tectonic Processes and Hazards • Coastal Landscapes and Change • The Water Cycle and Water Insecurity <p>Paper 2:</p> <ul style="list-style-type: none"> • Globalisation/Superpowers • Regenerating Places | <p>Ensure you use all of the lesson content. Do not rely on the textbook alone.</p> <p>Use past exam questions and feedback to improve your writing styles. Look through your assessment book to see you previous ReActs and writing feedback.</p> <p>Remember to think about planning answers before attacking head on, a clear, coherent and logical paragraph structure.</p> <p>Use the case study list and specification on the Google Classroom.</p> |
| History | <p>Paper 1: Tudors (1 hour 45)</p> <p>Paper 2: USA (1 hour 45)</p> | <p>Tudor Specification Covered so far</p> <p>USA American Dream Specification Covered so far</p> | <p>Use a range of revision strategies to revise from.</p> <p>Focus on technique for the source question, extract question and essay question.</p> |

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| | | | Use the essay planner and exam technique guide for help. |
| Maths | <p>Paper 1 - Pure A2 (2hrs)</p> <p>Paper 2 - Applied maths AS (1hr 15min)</p> | <p>This will cover all pure content which has been taught so far including all of year 12 and year 13 before Christmas</p> <p>This will cover all the statistics and mechanics from year 12</p> | <p>Complete past papers and all practice questions given by your teachers.</p> <p>Use Kerboodle and Pearson textbooks for examples and additional questions.</p> |
| Media Studies | <p>Paper 1: Media Products Industries and Audiences (2 hours 15 minutes) (will need to play digital video clip)</p> <p>Paper 2: Media Products and forms in depth (2 hours) (shortened)</p> | <p>Music Videos (Section A)</p> <ul style="list-style-type: none"> • Beyonce - Formation (Media Language and Representation) <p>Unseen (Section A)</p> <ul style="list-style-type: none"> • Music Video • Newspapers <p>Film Marketing (Section B)</p> <ul style="list-style-type: none"> • Black Panther (Industry & Contexts) • I Daniel Blake (Industry & Contexts) <p>Advertising and Marketing (Section B)</p> <ul style="list-style-type: none"> • Superhuman (Audience) <p>Radio (Section B)</p> <ul style="list-style-type: none"> • Woman's Hour (Audience) <p>Television</p> <ul style="list-style-type: none"> • Peaky Blinders / The Bridge <p>Magazines</p> <ul style="list-style-type: none"> • Vogue / Big Issue | <p>Set Products</p> <p><u>SUPER.HUMAN</u></p> <p><u>FORMATION - BEYONCE</u></p> <p><u>I, DANIEL BLAKE</u></p> <p><u>BLACK PANTHER</u></p> <p><u>WOMAN'S HOUR</u></p> <p><u>PEAKY BLINDERS</u></p> <p><u>THE BRIDGE</u></p> <p><u>MEDIA AUDIENCES - BRIDGE</u></p> <p><u>MEDIA INDUSTRIES - THE BRIDGE</u></p> <p><u>MEDIA LANGUAGE - THE BRIDGE</u></p> <p><u>REPRESENTATION - THE BRIDGE</u></p> <p><u>THE BRIDGE - TELEVISION IN THE GLOBAL AGE</u></p> <p><u>THE BIG ISSUE - FULL</u></p> <p><u>VOGUE - FULL</u></p> |
| Music | Paper 1 - 2.15 approx | <ul style="list-style-type: none"> • AOSD - Jazz | Make use of specification: |

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| | Paper 3 - 1hrs | <p>Psychological factors affecting performance</p> <ul style="list-style-type: none"> ● Classification of skills ● Types and methods of practice ● Transfer of skills ● Learning Theories ● Stages of learning ● Guidance ● Feedback ● Individual differences x 7 ● Group and team dynamics ● Confidence and self efficacy ● Leadership in Sport ● Stress Management ● Memory Models <p>Socio-cultural issues in physical activity and sport</p> <ul style="list-style-type: none"> ● Pre-Industrial Britain ● Post 1850 Britain ● 20th Century Britain ● 21st Century Britain ● The Modern Olympic Games ● Global Sporting Events ● Drugs and Doping in Sport ● Violence in Sport ● Gambling in Sport ● Commercialisation and Media ● Routes to Sporting Excellence in UK | Use past exam questions and feedback |
| PE - Sport Studies | Paper 1 - 1hr 30 | Working safely in sport, exercise, health and leisure | |

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| Photography | Photography exam two days. Finishing Component 1 60% of their mark | Final pieces produced from their personal project. Creative edits that solidify what they set out to do. This should be an advanced, sophisticated outcome that draws together all their influences | Dynamic photos carefully edited and documented Unexpected journey, Experimentation with a large range of materials Imaginative links to numerous artists Independent gallery visits Templates and resources used Push yourself beyond just what is expected, the minimum. |
| Physics | Physics paper 1: AS content (1hr 30 mins) Physics paper 2: A2 content (1h 30 mins) | Paper 1 covers all AS content Covers the following A2 content (gravitational fields, electrical fields, capacitors, Circular motions, Simple harmonic motions and Thermal physics) | <ol style="list-style-type: none"> 1. Physics and Maths tutor 2. physics online Youtube 3. Go through the past mocks and use the mark scheme to learn what topics you need to revise, 4. Complete past papers and all practice questions given by your teachers. |
| Politics | Paper 1: UK Government & Politics (2 hours) Paper 2: US & comparative Politics (2 hours) | <u>UK specification</u> <u>The entire UK specification</u> <u>US specification</u> <u>The entire USA specification covered so far.</u> <u>(most likely completed)</u> | Use a range of revision strategies to revise from. Focus on technique for the source question, extract question and essay question. Use the essay planner and exam technique guide for help. |

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| Product Design | Paper 1 - 1.45mins Paper 2 - 1hr 30mins | <u>NO TOPIC GUIDE WILL BE ISSUED FOR THE PD EXAM PAPER 1 & 2</u> | We have covered all of these points. <u>This is now just repetition of learning</u> - please use your GCRoom, Textbooks and suggested Technology websites such as <u>www.technologystudent.com</u> to help you with this revision process. Past papers. Exam question practice. Just remember that while doing your NEA you were also learning the theory. |
| Psychology | Paper 2 (2 Hours) | Paper 2: <ul style="list-style-type: none"> ● Biopsychology ● Research Methods ● Approaches | Use past exam questions and mark schemes to know what examiners look for when marking questions Think about planning answers before writing, especially 16 markers - annotate the question <ul style="list-style-type: none"> - 1 mark a minute (except 16 marks allow 20 minutes) Always link your point back to the exam question Remember the importance of evaluative language for AO3 (this is a strength because/ this supports the theory ...) |