

YEAR 11 TRIAL EXAMINATIONS (SECOND SET) FEBRUARY 2024
REVISION TOPIC LISTS

SUBJECT	TOPICS TO REVISE	ADVICE FROM TEACHERS
Biology	1 paper (1hr 30) Topic B1: Cell level systems Topic B2: Scaling up Topic B3: Organism level systems Topic B4: Community level systems Topic B5: Genes, inheritance and selection Topic B6.1 and B6.2 (Global Challenges) Practical Skills	Section A contains multiple choice questions. This section of the paper is worth 15 marks. includes short answer question styles (practical, maths, structured questions) and an extended six-mark Level of Response question. This section of the paper is worth 75 marks.
Business Studies	1 Paper (1 hr 15) Topic 3 – Operations Topic 5 – Marketing Topic 6 – Finance	Section A - 10MCQs Section B - 6m,9m,12m Section C - 6m,9m,12m All questions to be completed Calculators are required Look at paper 2 past papers and mark schemes for support.
Chemistry	1 Paper (1hr 45) All topics in C1,C2, C3, C4, C5 and C6.1 (only) One paper of 1 hour 45 minuets duration and 90 Marks	Multiple choice Qs as well as 1,2,3 mark Qs as well as at least two 6 mark Qs Calculator needed. Data sheet will be provided.
Computer Science	1 paper (including topics from the traditional paper 1 and paper 2) <u>Paper 1 Questions</u> Binary Representation Units of Data Protocols Character Sets Data Representation (Sound/Images/Compression) Legal & Ethical Issues <u>Paper 2 Questions</u> Algorithms Using Trace Tables	No Calculator Allowed The paper will be 1.5 hours long (85 marks). Module 1 questions in the first half followed by Module 2 in the second half. There will be one extended question on Legal & Ethical Issues.

	Types of Errors Search/Sort Techniques Boolean Logic inc Logic Gates / Truth Tables	
Drama	1 paper (1hr 30) All areas of the exam will be assessed looking at Refugee Boy and Live Theatre (acting and design elements)	
Economics	1 Paper (1hr 30) Paper 2 content (Macroeconomics) Topic 7 – introduction to the macroeconomy Topic 8 – government objectives Topic 9 – how the government manages the economy	Section A: 6m,9m,15m Section B: 6m,9m,15m Information <ul style="list-style-type: none"> • The marks for questions are shown in brackets. • The maximum mark for this paper is 60. • Questions should be answered in continuous prose. You will be assessed on your ability to: <ul style="list-style-type: none"> – use good English – organise information clearly – use specialist vocabulary where appropriate.
Electronics	1 paper (1hr 30) Component 1 Chapter 1 - Electronic systems and subsystems Chapter 2 - Circuit Concepts Chapter 3 – Resistive components in circuits Chapter 4 - Switching circuits Chapter 5 - Application of diodes Chapter 6 - Combinational logic systems Component 2 Chapter 1 - Timing circuits Chapter 2 = Sequential systems Chapter 3 - Interfacing digital and analogue systems Chapter 4 - Control circuits (Microcontrollers) - this may be in the exam depending on how far we get. Chapter 5 - Operational amplifiers	The paper will be 90 minutes long and will contain questions on each topic from component 1 and 2. The questions are chosen to highlight areas that you may need to strengthen so it may feel tougher than a standard past paper. You will need a Calculator, pencil, ruler Remember that the QER question on each paper (the front page will tell you which one it is) should be answered with bullet points for each point with a full sentence. You should say whether each specification point is met, and whether overall the specification is met. The question may ask you to suggest improvements to make a design fit the specification - if so make sure that you do. Remember that you can draw diagrams and graphs to explain your points, and you can add labels to your diagrams or those already shown, e.g. so that you can say "the voltage at point X increases as light levels fall".

English Language	2 papers English Language 1h 45m 20th Century Fiction. Imaginative Writing - narrative and descriptive. 19th and 20/21st century non-fiction. Non-fiction writing - letters, articles, speeches, etc. Paper 2 will be marked by a senior AQA examiner!	English Lang: Paper 1: 1 hour 45mins Section A: 1 hour - Q1: 4 marks, Q2: 8 marks; Q3: 8 marks; Q4: 20 marks. Section B: 45mins - Q5: Imaginative Writing 40 marks. Paper 2: 1 hour 45mins. Section A: 1 hour - Q1: 4 marks, Q2: 8 marks; Q3: 12 marks; Q4: 16 marks. Section B: 45mins - Q5: Non-fiction Writing 40 marks. Section A- 1 hour. Read both extracts and answer all questions. Section B- 45mins. 15 mins planning and checking. 30 mins writing.
English Literature	2 papers Macbeth Dr Jekyll and Mr Hyde An Inspector Calls Power and Conflict poetry Unseen Poetry Paper 2 will be marked by a senior AQA examiner!	Paper 1: 1hr 45mins Section A: Macbeth 1hr Section B: Jekyll and Hyde 45mins Paper 2: 2hr 15mins Section A: An Inspector Calls 50mins Section B: Conflict Poetry 50mins Section B: 35mins
Geography	1 paper (1hr 15) Section A- Paper 1 content: The Challenge of Natural Hazards (30 minutes) Section B- Paper 3 content: Fieldwork (45 minutes)	1hour & 15 minutes Section A- A combination of point marked questions (1,2,3 marks) & level marked (4.6.9 marks) Section B- A combination of point marked questions (1,2,3 marks) & level marked (4.6.9 marks) You will need a Ruler, pencil, calculator
History	1 paper (50 mins) Changes in Health and Medicine in Britain, c.500 to the Present Day Topic 1- What have been the main causes of illness and disease over time? Topic 2- How effective were attempts to prevent illness and disease over time?	40 mark paper to be sat for 50 minutes Question 1: 4 mark source based question Question 2: 6 mark source based question Question 3: 5 mark description question Question 4: 9 mark explain why question Question 5: 16 mark outline question
L2 Further Mathematics	1 Paper (1 Hour)	You will need a:

	<ul style="list-style-type: none"> Number Algebra Coordinate Geometry Calculus Matrix Transformations Geometry 	Pen Pencil Calculator Ruler Protractor
Mathematics	2 papers 1 hour 30 each Paper 1 (non-calculator), Paper 3 (calculator) <ul style="list-style-type: none"> Entire GCSE Specification: <ul style="list-style-type: none"> Number Algebra Ratio, proportion and rates of change Geometry and measures Probability and Statistics 	1 Non-Calculator Paper and 1 Calculator Paper You will need a: Pen Pencil Ruler Calculator Compass Protractor
Modern Foreign Languages French, Spanish, German, Chinese Mandarin, Italian	<p>The exact topics you will be assessed on will be detailed in the 'MFL Mock 1 Preparation pack' for each language. This will be distributed by your teacher and also set on SatchelOne.</p> <p>Theme 1: Identity and Culture</p> <p>Topic 1: Me, my family and friends</p> <ul style="list-style-type: none"> Relationships with family and friends Marriage/partnership <p>Topic 2: Technology in everyday life</p> <ul style="list-style-type: none"> Social media Mobile technology <p>Topic 3: Free-time activities</p> <ul style="list-style-type: none"> Music Cinema and TV 	1h20 <ul style="list-style-type: none"> You must answer THREE questions in total You must answer either Question 1.1, 1.2 or 1.3 You must answer either Question 2.1, 2.1 or 2.3 You must answer Question 3 Answer all questions in Target Language Do all rough work in the answer booklet The maximum mark for this paper is /60 (16/32/12) You must not use a dictionary You must write something about each bullet point for Questions 1 and 2 You must use a variety of vocabulary, structures, opinions and reasons.

	<ul style="list-style-type: none"> • Food and eating out • Sport <p>Topic 4: Customs and festivals</p> <p>Theme 2: Local, national, international and global areas of interest</p> <p>Topic 1: Home, town, neighbourhood and region</p> <p>Topic 2: Social issues</p> <ul style="list-style-type: none"> • Charity/voluntary work • Healthy/unhealthy living <p>Topic 3: Global issues</p> <ul style="list-style-type: none"> • The environment • Poverty/homelessness <p>Topic 4: Travel and tourism</p> <p>Theme 3: Current and future study and employment</p> <p>Topic 1: My studies</p> <p>Topic 2: Life at school/college</p> <p>Topic 3: Education post-16</p> <p>Topic 4: Jobs, career choices and ambitions</p>	
Music	<p>1 Paper (1hr 30)</p> <p>We will be completing a full paper including all set works covered to date. This will include both an unknown listening as well as a dictation question.</p>	<p>Review the key elements of music and the terminology that are associated with that element of music. In the dictation, remember to work out the space that is left before the first playing of the extract. Section A will focus on the four Areas of Study, Section B will include the longer response question. In the longer response section, make sure that you are focusing on the elements of music that you have been asked to discuss. You have to refer to the unknown listening work as well as the known piece in order to be able to access higher marks. Overall, don't over think it.</p>

Physical Education	1 paper (1 hr) Physical Training Movement Analysis Social Groups and Factors Affecting Participation	The paper will consist of 1 x 9 mark question, 2 x 6 mark questions and a series of short answer questions totalling 40 marks for the whole paper. Time allowed 1 hour.
Physics	1 paper (1hr 45) P1: Matter P2: Forces P3: Electricity P4: Magnetism and Magnetic fields P5: Waves in Matter P6: Radioactivity P7: Energy Practical skills	Section A : 40 Marks (Multiple Choice) Section B (60 Marks) Calculations six mark questions (2) practical skills 2, 3 & 4 Marks questions Students will be provided with equation sheet.
Religious Studies	1 paper (1hr) Students must revise all of Jewish Beliefs and Practices up to 'The Synagogue'.	The paper is one hour long. There are two sections (belief and practices). Each section includes a 2, 5, 8 and 15 marker. Each section should take a maximum of 30 minutes.
Sociology	1 paper (1hr 15) Sociology - Social Stratification & Research Methods	1 hr 15 min- Q1-5 is Social Stratification Question 1- 4x 1-mark questions Question 2- 2x 1-mark questions, 1x 4-mark question Question 3- 2x 2-mark questions, 1x 9-mark question Question 4- 1x 2-mark question, 2x 4-mark questions, 1 x9-mark question Question 5- 2x 4-mark questions, 1x 9-mark question Question 6 will not appear on this paper as it is Crime & Deviance Question 7 (Research Methods)- 1x 1-mark question, 2x 2-mark question, 1x 6-mark question
Statistics	1 Paper (1 Hour) Collection of data Processing, representing and analysing data Summarising data: measures of central tendency and dispersion Scatter diagrams and correlation Time Series Probability	This will be a calculator paper. You will need a: Pen Pencil Ruler Calculator Protractor

