

Year 12 Mock Examinations
Week commencing 2nd December 2025

The table below provides details of the Mock Exams that your child will be taking. They will receive revision material in lessons/online for these. We would value your support in ensuring that they are preparing for these.

- The purpose of the mock examinations is to give an indication of progress made by students during Year 12
- A successful Mock Examination period in Year 12 sets a solid foundation for progression into Year 13
- The mock examination results, alongside results from other class-based assessments throughout Year 12 and Year 13 will be used in discussions with students about future pathways and inform, but not determine, their UCAS predicted grades in Year 13
- Parents/carers and students will receive their child's Assessment Report via email on Friday 19th December
- To support revision students can purchase CPG A Level subject revision guides. Go to the website www.cpgbooks.co.uk

Subject	Summary of exam (type/length)	Topics/content
Art	Practical exam 10 hours	Students must transform their own primary image into the style of an assigned art movement and artist. They are required to complete a planning page (double page) and an A1-size final piece.
Biology	Written Paper 2 hours	<u>Module 2 – Foundations in biology</u> 2.1.1 Cell structure 2.1.2 Biological molecules 2.1.3 Nucleotides and nucleic acids <u>Module 3 – Exchange and transport</u> 3.1.1 Exchange surfaces 3.1.2 Transport in animals https://www.ocr.org.uk/Images/687834-download-a-level-specification.pdf
Business	Written Paper 1 hour	The exam will include the following topics: 1. Enterprise 2. Markets 3. Market research 4. Business Finance 5. Business cost revenue and profit 6. Business plans 7. Marketing mix Students need to use the AS Level Business checklist to ensure they are fully prepared to answer all the questions competently.

Chemistry	Written Paper 2 hours	Physical Chemistry 1 Hour 3.1.1 Atomic Structure 3.1.2 Amount of Substance https://www.aqa.org.uk/subjects/chemistry/a-level/chemistry-7405/specification/subject-content/physical-chemistry 3.3.1 Introduction to Organic Chemistry 3.3.2 Alkanes 3.3.3 Halogenoalkanes https://www.aqa.org.uk/subjects/chemistry/a-level/chemistry-7405/specification/subject-content/organic-chemistry
Computing	Written Paper 1 hour	F160 Section 3 3.1 Purpose of planning projects 3.1 Planning considerations 3.1 Resources 3.2 Project Planning Tools: Arrow diagram 3.2 Project Planning Tools: Critical Path Analysis 3.2 Project Planning Tools: Flowcharts 3.2 Project Planning Tools: Gantt Chart 3.2 Project Planning Tools: PERT chart 3.2 Project Planning Tools: SWOT analysis 3.2 Project Planning Tools: Flowcharts
Core Mathematics	Written Paper 2 hours	1 Applications of Statistics - Comparing from a graph - Drawing a scatter graph and plotting a straight line - Drawing a box plot and finding outliers - Comparing box plots - Calculating spearman's rank - Advantages and disadvantages of sampling - Calculating mean and standard deviation - Comparing mean and standard deviation - Drawing a scatter graph - Explanatory variable - Using a regression line to find values, and interpreting a regression line in context - Calculating PMCC - Interpreting PMCC 2 Probability - Calculating and comparing proportions 3 Linear Programming - Writing a simple algebraic formula - Substituting into a formula 4 Sequences and Growth - Working out a percentage increase/decrease - Using excel formulae Revision tips: - Use slides and worksheets on Google Classroom

English Literature	Written Paper 2 hours	Exam: - Section A Extract based question on 'Othello' (1 hour) - Section C Choice of two debate questions on an aspect of tragedy in 'Death of A Salesman' (1 hour) Preparation: - Revise Othello so far, practice choosing an extract and planning ideas on the significance of the extract to the tragedy of Othello and Shakespeare's dramatic methods. - Revise DOAS so far and mindmap ideas on aspects of tragedy and Miller's dramatic methods.
Geography	Written Paper 1 hour 30mins	Coasts: 45 minutes - all content covered so far. Urban: 45 minutes - all content covered so far.
History	Written Paper 1 and 2 2 hours	Making of Modern Britain There will be an essay question based on the Affluent Society, 1951-64. Revise using booklets handed out in class. USA - essay question
Health and Social Care	Written paper 1 hour 30mins	The exam will test your knowledge on Learning Aim A and the factors covered so far in Learning Aim B. Key topics: - Infancy, Early Childhood, Adolescence, Early Adulthood, Middle Adulthood, Late Adulthood & Later Adulthood. - Genetic predisposition, genetic disorders, lifestyle factors. -
Mathematics	Written Paper 2 hours	The exam will test your knowledge of chapters 1 to 5 from the Kerboodle textbook. ● Algebra 1 ● Polynomials and the Binomial Theorem ● Trigonometry ● Differentiation and Integration ● Exponentials and Logarithms Use the review and assessment sections from the textbook. PMT & Maths Genie are also excellent sources of revision.
Physics	Written Paper 2 hours	<u>Mechanics:</u> Resolving vectors; moments; suvat calculations; projectile motion; practical key terms and practical maths (ranges, averages, uncertainties, etc.) <u>Particles and Radiation:</u>

		● Matter and Radiation checklist (e.g. specific charge; neutrino hypothesis; strong nuclear force; particle annihilation and Pair production) ● Quarks and Leptons checklist (e.g. particle classification; conservation laws for particle interactions) ● Photoelectric effect
Politics	Written Paper 1 1 hours 30mins	Two essays - one on UK politics and one on UK Government. UK politics - Potential topics are Rep democracy, the Franchise, Rights, Pressure groups and other groups of influence, Political parties.
Product Design	Written Paper 1: Technical Principles 2 Hours	● Material Characteristics ● Smart and Modern Materials ● Material Testing ● Stock Forms ● Seasoning ● Bio Pols ● Material Enhancements
Psychology	Written Paper 1 2 Hours	Topics: Attachment, Social Influence, Memory and Approaches Revision: Exercise books, Google classroom
Sociology	Written Paper 1 2 Hours	Two papers on Families and Households and Education ● Compensatory Education ● Ethnicity and education ● Labelling theory ● Class differences in achievement ● Domestic violence ● Women in paid work ● Unequal division of labour ● Childhood - is it a protective and privileged phase of life?
Spanish	Paper 1 questions on topics covered + stimulus card 2 hours	Topics ● Family: traditional and modern values ● Cybersociety ● Equality of the sexes Listening comprehension and summary question Reading comprehension and summary question Written stimulus answer including facts from Spanish speaking country/countries

Theology	Written Paper 2 hours Answer 1 question	ONE question on each unit Philosophy, Ethics and Development of Christian Thought • Philosophy - Aristotle and Plato • Ethics - Natural Law • Development of Christian Thought - St. Augustine Use the specification heading “students should have the opportunity to discuss.” This is what the examiners use to generate essay questions. Ensure that you have prepared for: • A Clear Line of Argument (LOA) • Precise Use of Scholars (AO1 & AO2) • AO2 Evaluation - Use scholars for supporting or challenging your argument. • Explain why their view strengthens or weakens your line of argument. • Critical Analysis – Not Just Description - OCR expects you to analyse ideas, not retell them.
OCR Sport	Written Paper 1 hr 30mins	1. Understand the skeletal system in relation to exercise and physical activity. 2. Understand the muscular system in relation to exercise and physical activity. 3. Understand the cardiovascular system in relation to exercise and physical activity 4. Understand the respiratory system in relation to exercise and physical activity. 5. Understand the different energy systems in relation to exercise and physical activity

As always, please do not hesitate to get in touch if you have any concerns or queries.

Kind regards

L. Grant

Mrs L. Grant

Assistant Headteacher and Head of Sixth Form