Year 12 Mock Examinations Series 1
Week commencing Monday 30th November 2026

The table below provides details of the first Mock Exam period 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
- The mock examination results, alongside previous results from other class-based assessments, will be used in discussions with students about future pathways and inform, but not determine, their UCAS predicted grades.
- Parents/carers and students will receive an Assessment Report 1 via email on Thursday 17th December 2026.
- To support revision students can purchase CPG A Level subject revision guides using this link https://www.cgpbooks.co.uk/secondary-books/as-and-a-level
- They should also use the subject specific Independent Study Guides produced by each department. These can be found on our website here https://www.ilsley.bham.sch.uk/sixth-form/advice-for-parents-copy/

Subject	Summary of exam (type/length)	Topics/content/Revision tips and strategies
Biology	**Written Paper** **2 hours**	Module 2 – Foundations in biology 2.1.1 Cell structure 2.1.2 Biological molecules 2.1.3 Nucleotides and nucleic acids Module 3 – Exchange and transport 3.1.1 Exchange surfaces 3.1.2 Transport in animals https://www.ocr.org.uk/Images/687834-download-a-level-specification.pdf
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 Organic Chemistry 1 Hour 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
	Written Paper	1 Applications of Statistics ● Comparing from a graph ● Drawing a scatter graph and plotting a straight line

Core Mathematics	**2 hours**	● 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 Teams
English Literature	**Written Paper** **2 hours**	Exam: 1. Section A Extract based question on 'Othello' (1 hour) 2. Section C Choice of two debate questions on an aspect of tragedy in 'Death of A Salesman' (1 hour) Preparation: 1. 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. 2. Revise DOAS so far and mindmap ideas on aspects of tragedy and Miller's dramatic methods.
Geography	**Written Paper** **1 hour 30 minutes**	**Coasts: 45 minutes - all content covered so far.** **Urban: 45 minutes - all content covered so far.**
History	**Written Paper** **2 hours**	**1 hour American History essay question based on Year 12 content so far: The Era of Reconstruction and the Gilded Age, 1865–1890** ● Revise class notes ● Use past papers and mark schemes from the AQA website to practice exam questions (Option 1K) https://www.aqa.org.uk/find-past-papers-and-mark-schemes?qualification=A-level%20History&specCode=7042 ● Create summary sheets or mind maps for each topic area - utilise look, cover, check strategy ● Use feedback from recent PAR essay task

		1 hour British History essay question based on the Affluent Society, 1951-64. ● Revise class notes and revision guides from Microsoft Teams and given out in class ● Use past papers and mark schemes from the AQA website to practice exam questions (Option 2S) https://www.aqa.org.uk/find-past-papers-and-mark-schemes?qualification=A-level%20History&specCode=7042 ● Create summary sheets or mind maps for each topic area - utilise look, cover, check strategy ● I will go through structure prior to the mocks
Mathematics	**Written Paper** **2 hours**	The exam will test your knowledge of chapters 1 to 4 from the Kerboodle textbook. ● Algebra 1 ● Polynomials and the Binomial Theorem ● Trigonometry ● Differentiation and Integration Use the review and assessment sections from the textbook. PMT & Maths Genie are also excellent sources of revision.
Physics	**Written Paper** **2 hours**	**Mechanics**: (Mr Casey) Resolving vectors; moments; suvat calculations; projectile motion; practical key terms and practical maths (ranges, averages, uncertainties, etc.) **Particles and Radiation**: (Dr Regan) • 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 classifications; conservation laws for particle interactions) • Quantum phenomena checklist: Only the photoelectric effect (Qs 1-10)
Politics	**Written Paper** **2 hours**	30 mark UK Politics Source 30 mark UK Politics Essay 24 mark Political Ideas Essay
Product Design	**Written Paper** **2 hours**	Technical Principles • Material Characteristics • Smart and Modern Materials • Material Testing • Stock Forms • Seasoning • Bio Pols

		• Material Enhancements
Psychology	**Written Paper** **1 hour 30 minutes**	Topics: Approaches and Social Influence
Sociology	**Written Paper** **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?
Theology	**Written Paper** **2 hours**	**Answer 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.

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

Kind regards,

Mrs R. McMahon

Head of Sixth Form