

Year 12 Mocks

Subject	Summary of Exam (Type/length)	Topic content	Revision Resources
Art and Design	5 hours		
Business	<p>Paper 1 80 minutes</p> <p>90 marks</p>	<ul style="list-style-type: none"> • What is business – types of ownership • Marketing – including Price and income elasticity • Operations – lean operations, capacity utilisation, technology • Finance – costs, revenue, profit (including profit margins), cash flow, sources of finance • Human resource management – motivation (including theories), restructuring and productivity <p>The paper will comprise of multiple choice, short knowledge-based answers and case study responses with longer answers (up to 16 mark essays)</p>	<p>Online textbook (Teams) Tutor2u Revision guide Exercise books/ class notes</p>
Biology	<p>Paper 1 90 minutes</p> <p>70 marks</p> <p>Paper 2 90 minutes</p> <p>70 marks</p>	<p>Chapters 1 to Chapter 12</p> <p>Paper 1 Breadth questions assessing knowledge across the specification with shorter questions</p> <p>Paper 2 Depth questions assessing knowledge from across the specification with fewer questions but they require a greater level of understanding.</p>	<p>Revision mats Revision guide and/or textbook Physics maths tutor for themed past paper questions.</p>
Chemistry	<p>Paper 1 90 minutes</p> <p>80 marks</p> <p>Paper 2 90 minutes</p> <p>80 marks</p>	<p>Chapters 1 to Chapter 10.</p> <p>Paper 1 Core Inorganic and Physical Chemistry</p> <p>Paper 2 Core Organic and Physical Chemistry</p> <p>Students need to show their accumulated knowledge and understanding of a topic or subject</p>	<p>Revision mats Revision guide and/or textbook Physics maths tutor for themed past paper questions.</p>

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		<p>area, showing their ability to combine their skills, knowledge, and understanding with breadth and depth of the subject. This is across topics within each assessment.</p>	
<p>Computer Science</p>	<p>Paper 1 1 hour 30 minutes 70 marks</p> <p>Paper 2 1 hour 30 minutes 70 marks</p>	<p>Paper 1: Computer Systems Students will be assessed on the following key topics:</p> <ul style="list-style-type: none"> • CPU components • Types of processors • Floating-point binary • Functions of the operating system • CPU scheduling algorithms and interrupts • Relational databases and SQL • Little Man Computer (LMC) / Assembly language • Compression and encryption <p>Paper 2: Computational Thinking and Algorithms Students will be assessed on the following key topics:</p> <ul style="list-style-type: none"> • Writing algorithms • Recursion • Object-oriented programming (OOP) • Data structures (e.g. arrays, stacks, queues) • Big O notation • Searching and sorting algorithms • Shortest path algorithms (e.g. Dijkstra's) 	<p>Paper 1 For revision, students should use platforms such as Isaac Computer Science, Craig'n'Dave videos, and maths and physic tutor, alongside regular practice of past paper questions.</p> <p>Paper 2 For revision, students are encouraged to practise coding using Replit or Visual Studio Code, use Quizlet for key terms, and complete past paper questions regularly.</p>
<p>English Literature</p>	<p>1 hour 15 minutes 30 marks</p>	<p>Post 2000 poetry and unseen</p> <p>Choice of two questions. You need to revise all of the post 2000 poems you have studied.</p> <p>You will compare one of your anthology poems to an unseen poem.</p>	<p>Revision resources on TEAMS Anthology Class Notes</p>

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		You will have all the poems in front of you in the exam	
Economics	<p>Paper 1 Microeconomics</p> <p>Theme 1 content</p> <p>1 hour 20 minutes</p> <p>Paper 2 Macroeconomics</p> <p>Theme 2 content</p> <p>1 hour 20 minutes</p>	<p>Paper 1 topics</p> <ul style="list-style-type: none"> • Nature of Economics (taught by Mr Sarcevic) • Supply and Demand • Price determination – consumer and producer surplus • Elasticity – PED YED CPED • Consumer spending/producer revenue • Interrelationships between markets • Market Failure – Externalities and Public Goods <p>Paper 2 Topics</p> <ul style="list-style-type: none"> • Inflation (Not yet covered) • Aggregate Supply/Aggregate Demand • Balance of Payments • Interest Rates • GDP Growth (including recessions) • Measures of Standard of Living • Government Budget (Deficit/Surplus) • C+I+G+(X-M) • Investment (including factors that influence it) 	<p>Class notes</p> <p>Past papers</p> <p>https://expert-tuition.co.uk/past-papers/</p> <p>https://www.physicsandmathstutor.com/economics-revision/a-level-edexcel-a/</p>
French	<p>Paper 1 Listening and Reading</p> <p>Translation Fr --> Eng + Eng -->Fr</p> <p>Paper 3 Speaking 20 mins per student</p>	<p>The Listening and Reading papers, and the translations will contain questions from all 6 themes of the As-Level.</p> <p>The speaking examinations will only contain cards from Units 1 – 6 (year 12)</p>	
Geography	<p>Paper 1 Physical Geography</p> <p>90 minutes</p>	<p>Paper 1 – Hazards</p> <ul style="list-style-type: none"> • The concept of a hazard as a geographical context • Plate tectonics • Volcanic hazards 	<p>Paper 2 – Revision resources on MS Teams</p>

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	<p>Paper 2 Human Geography</p> <p>90 minutes</p>	<ul style="list-style-type: none"> • Seismic hazards • Storm hazards • Fires in nature • Case studies (multi-hazardous and local setting) <p>Paper 2 – Changing Places</p> <ul style="list-style-type: none"> • The nature and importance of places • Insider and outsider perspectives on place • Categories of place • Factors contributing to the character of places • Relationships and connections • Meaning and representation • Place Studies 	
<p>History</p>	<p>Paper 1 The Making of a Superpower</p> <p>1 hour 30 minutes</p> <p>Paper 2 The Making of Modern Britain</p> <p>1 hour 30 minutes</p>	<p>1K - Content includes all material covered from 1865 – 1920.</p> <p>Paper is made up of one essay question and two extracts.</p> <p>2S – Content includes all material covered from 1951 – 1979</p> <p>Paper is made up of one essay question and two sources.</p>	<p>ClassCharts</p> <p>Teams Revision Folder</p> <p>Core textbooks</p>
<p>Law</p>	<p>Paper 1 English Legal System and Law Making</p> <p>40 marks</p> <p>60 minutes</p> <p>Paper 2 Criminal Law</p>	<p>Paper 1</p> <ul style="list-style-type: none"> • Civil Courts and ADR • Criminal courts, sentencing and lay people • Legal Personal • Access to justice • Legislative process • Delegated legislation • Statutory interpretation • Judicial Precedent • EU Law 	<p>Revision guides</p> <p>Teams</p> <p>Knowledge organisers</p>

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	60 marks 90 minutes	Paper 2 <ul style="list-style-type: none"> • Elements of a crime • Fatal offences • Non-fatal offences • Property offences 	
Mathematics	Paper 1 Pure and Mechanics 1 hour 30 minutes Paper 2 Pure and Statistics 1 hour 30 minutes	All content taught this year could be assessed, namely: Pure: Surds & Indices; Quadratics; Equations and Equalities; Coordinate Geometry; Trigonometry; Polynomials; Graphs & Transformations; Binomial Expansion; Differentiation; Integration; Vectors; Exponentials & Logarithms. Mechanics: Kinematics; Forces & Newton's Laws, Variable Acceleration. Statistics: Collecting & Interpreting Data; Probability; Binomial Distribution; Hypothesis Testing.	Text Book Integral Maths Revision Pack
Media Studies	Component 1 (Abridged) Paper 90 minutes	All Comp 1 texts studied so far: Section A Music videos (Formation, 17GU), Adverts (Super.human, Tide, Kiss of the Vampire) Section B Film industry (Black Panther, IDB), Radio (HYHGP), Video Games (AC franchise) Knowledge of media theories	Miss Fisher Youtube Revision: https://www.youtube.com/@mrsfisher8961/featured Eduqas factsheets: https://resources.eduqas.co.uk/pages/ResourceSingle.aspx?riid=1874
PE	Paper 1 Skill Acquisition and Personality 60 minutes Paper 3	Paper 1 Energy Systems, Recovery, Movement analysis (lower body), Muscle Fibers, Control: Cardiac, Respiratory, Vascular, Mechanics of Breathing, Gaseous Exchange & Dissociation Curve.	Everlearner, Text Book, Class notes

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		<p>Paper 3</p> <ul style="list-style-type: none"> • Preindustrial – upper class • Post 1850- Law and Order • Post 1850 – Working Class participation • Olympic Games – Political games and Aims • Public Schools – Athleticism • Public Schools – Olympic Influence • 21st Century – Women • Mob football and Real Tennis • Post 1850 – Education, Law and Order, Time • 21st Century – Law and Order • 20th Century Social Class • Post 1850 – Transport 	
Philosophy and Ethics	<p>Ethics (and Christianity theme 1)</p> <p>90 minutes</p> <p>Philosophy (and Christianity theme 2)</p> <p>90 minutes</p>	<p>Both mock exams will include: 1 x AO1 question and 1x AO2 question on Philosophy/Ethics</p> <p>1 x AO2 question on Christianity</p> <p>You should revise:</p> <ul style="list-style-type: none"> • Philosophy: Themes 1 and 2 • Ethics: Theme 1(abc), Theme 2 and Theme 3 • Christianity: Theme 1 (will be included in Ethics mock) • Christianity: Theme 2 (will be included in Philosophy mock) 	<p>Philosophy and Ethics folder (in the Y12 Independent Study area)</p> <p>Past papers</p> <p>Class notes and folders</p>
Physics	<p>Paper 1</p> <p>Written exam</p> <p>1 hour 30 minutes</p>	<p>Topics Assessed on both papers:</p> <ul style="list-style-type: none"> • Particles and radiation • Waves • Mechanics • Materials • Electricity 	<p>Practicing questions and going over previous papers and mark schemes is one of the key and best revision techniques for Physics.</p> <p>AQA past papers</p> <p>Written by Bob Eagle, the Physics A Level Playlist is an excellent set of video tutorials.</p>

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	<p>70 marks of short and long answer questions from all areas of Y12 content</p> <p>Paper 2 Written exam</p> <p>1 hour 30 minutes</p> <p>Section A 20 marks of short and long answer questions on practical skills and data analysis</p> <p>Section B 20 marks of short and long answer questions from across all areas of Y12 content</p> <p>Section C 30 multiple choice questions</p>		<p>physicsandmathstutor.com contains a huge amount of detailed revision notes for AQA and topic-based exam questions.</p> <p>physicsnet.co.uk - A great resource with revision notes applicable to AS and A2 Level courses.</p> <p>AQA A-Level Physics - Study Mind – Exam questions ordered by topic.</p>
Psychology	<p>Paper 1</p> <p>1 hour 30 minutes</p> <p>70 marks</p>	<p>Social Psychology Cognitive Psychology Biopsychology</p> <p>Need to bring calculators</p>	<p>Exam packs for each topic Study skills handout with useful websites Class notes, checklists</p>

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Sociology	<p>Paper 1</p> <p>Education with Methods in Context</p> <p>1 hour</p> <p>40 marks</p> <p>Paper 2</p> <p>Families and Households</p> <p>1 hour</p> <p>40 marks</p>	<p>Paper 1</p> <p>Education</p> <p>Methods in Context</p> <p>Paper 2</p> <p>Families and Households</p>	<p>Class notes including modelled answers</p> <p>Past paper questions handed to student</p> <p>Study skills handout with useful websites</p> <p>Checklists</p>