

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 Theme 1 content 1 hour 20 minutes</p> <p>Paper 2 Macroeconomics Theme 2 content 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 Past papers https://expert-tuition.co.uk/past-papers/ https://www.physicsandmathstutor.com/economics-revision/a-level-edexcel-a/</p>
French	<p>Paper 1 Listening and Reading 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 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 	Paper 2 – Revision resources on MS Teams

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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 & Interpretating 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 60 minutes	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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Philosophy and Ethics	Ethics (and Christianity theme 1) 90 minutes Philosophy (and Christianity theme 2) 90 minutes	Both mock exams will include: 1 x AO1 question and 1x AO2 question on Philosophy/Ethics 1 x AO2 question on Christianity You should revise: <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) 	Philosophy and Ethics folder (in the Y12 Independent Study area) Past papers Class notes and folders
Physics	<p style="text-align: center;">Paper 1 Written exam</p> <p style="text-align: center;">1 hour 30 minutes</p> <p style="text-align: center;">70 marks of short and long answer questions from all areas of Y12 content</p> <p style="text-align: center;">Paper 2 Written exam</p> <p style="text-align: center;">1 hour 30 minutes</p> <p style="text-align: center;">Section A 20 marks of short and long answer questions on practical skills and data analysis</p> <p style="text-align: center;">Section B</p>	Topics Assessed on both papers: <ul style="list-style-type: none"> • Particles and radiation • Waves • Mechanics • Materials • Electricity 	Practicing questions and going over previous papers and mark schemes is one of the key and best revision techniques for Physics. AQA past papers Written by Bob Eagle, the Physics A Level Playlist is an excellent set of video tutorials. physicsandmathstutor.com contains a huge amount of detailed revision notes for AQA and topic-based exam questions. physicsnet.co.uk - A great resource with revision notes applicable to AS and A2 Level courses. AQA A-Level Physics - Study Mind – Exam questions ordered by topic.

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	20 marks of short and long answer questions from across all areas of Y12 content Section C 30 multiple choice questions		
Psychology	Paper 1 1 hour 30 minutes 70 marks	Social Psychology Cognitive Psychology Biopsychology Need to bring calculators	Exam packs for each topic Study skills handout with useful websites Class notes, checklists
Sociology	Paper 1 Education with Methods in Context 1 hour 40 marks Paper 2 Families and Households 1 hour 40 marks	Paper 1 Education Methods in Context Paper 2 Families and Households	Class notes including modelled answers Past paper questions handed to student Study skills handout with useful websites Checklists