

Year 12

We suggest you print this information off and display it prominently next to your revision timetable

The curriculum documents for your key stage can be found here: [Reading School > School > Curriculum](#)

The Reading School revision guide can be found here: [Reading School > School > Exams](#)

The parental webinar on supporting students can be found here: [Vimeo > Parents' Revision Webinar](#)

If a subject is missing or you are unsure of something, please speak directly to your subject teacher.

Subject	Content that must be revised ahead of the end of year exam	Format of end of year exam	How to revise effectively in this subject in particular
Biology	<p>Content: Module 1-4 (includes only content covered in class up until the exam)</p> <p>PAGs 1-5,8-10</p> <p>ote: please do not revise content until you have covered it in class</p>	Multiple choice, short answer questions and at least one level of response question (6 marks)	<p>Use coloured sheet 'Year 12 Biology 2023-24'</p> <p>Use Biology share point Year 12 for learning grids, topic on a page, past questions by topic, exam technique tips</p> <p>Note: please do not revise content until you have covered it in class</p>
Chemistry	All topics covered this year. Modules 2 foundations in chemistry, 3 periodic table and energy, 4 core organic chemistry + module 5 – equilibrium ONLY	1hr 30 paper containing multiple choice, short answer and at least one extended response question.	<p>Good revision does not include just reading your notes / textbook.</p> <p>Use the specification or module checklists to ensure you know everything required for modules 1-4.</p> <p>Use your own notes or the textbook (physical copy of Kerboodle) to fix any gaps in your knowledge.</p> <p>Useful revision activities include</p> <ul style="list-style-type: none"> • Topic mindmaps with all the key points summarised • Revision flashcards. Use these to test your knowledge regularly. Creating these resources now will help you massively when you get to your final exams in Y13. <p>Past AS papers available on OCR website + Zigzag practice papers shared on teams. Useful website chemguide: helping you to understand Chemistry - Main Menu</p>
Physics	All content studied to date this year: Measurement and Uncertainty, Electricity, Mechanics, Materials, Waves, Quantum Physics, Particle Physics.	1 Paper	<p>Consciously identify the topic/subtopic when trying a question.</p> <p>Review your notes (or textbook, if notes are lacking) when trying exercises.</p> <p>Identify (highlight) laws/principles/key formulae in your notes, and make a brief note on why they are important.</p> <p>Work on questions where feedback is available (e.g. published answers, automated marking, sample answers).</p> <p>Identify which topics/concepts you are low, medium, and high confidence with.</p> <p>Try the textbook subsection questions, or IsaacPhysics (starter) Qs for topics you are underconfident with.</p>

			<p>Try short-form exam Qs, Kerboodle end of topic online assessments, longer IsaacPhysics Qs for topics you are more confident with.</p> <p>Try the end of chapter textbook Qs, longer exam Qs, PMT past papers, ZigZag papers for topics you are mega-confident with.</p> <p>Review notes and worked examples as soon as you find you are unable to successfully answer an exercise/past paper Q.</p> <p>Consult peers, friends, family and your teachers if independent study – or a particular concept - is challenging.</p> <p>Build toward trying timed full exam papers.</p> <p>Use coloured pens to outline strengths/successes and weaknesses/misconceptions in your answers to practise exercises.</p> <p>DO NOT Jump straight to a mark scheme to review your answers instead of your notes/textbook.</p> <p>Only try questions for topics you are confident with.</p> <p>Write the final answer to a calculation question if your working comprises solely typing numbers into a calculator.</p> <p>Try to haphazardly “get” the right answer if your solution is initially unsuccessful.</p> <p>Believe your high performance at GCSE means you can excel without focussed practice and revision. Just read your notes.</p> <p>Work only on questions whose only form of “feedback” is a mark scheme.</p>
<p>Maths</p>	<p><u>Straight Mathematicians:</u> Students should refer to the A Level scheme of work posted on Teams.</p> <p>The assessments will test all aspects of the Pure and Statistics content (at both AS and A2 level) that we have covered in year 12.</p> <p><u>Further Mathematicians:</u></p>	<p><u>Straight Mathematicians:</u> Thurs or Friday 16th or 17th May: 65 minutes Statistics Paper.</p> <p>Exam Week: Pure mathematics paper (AS and A2 content covered) 90 minutes in length.</p> <p><u>Further Mathematicians:</u></p>	<p>A Level mathematics and Further mathematics students can find examples and exercises in the suggested class textbook for their course.</p> <p>Past exam Papers for current specifications can be found on the OCR website and Past Papers pre-2019 can also be found on the Reading School Sharepoint – Student pages.</p>

	<p>Students should refer to the A Level and Further A level standards documents posted on Teams and the H240 and H245 specifications.</p> <p>Students should refer to the scheme of work document on Teams if they are unsure of what content has been taught.</p>	<p>Exam week: Exam 1: Further Core Pure (60 min) Exam 2: Pure & Mechanics (120 min)</p> <p>These exams can cover any of the A level Pure and Mechanics and any of the further pure content that you have been taught.</p>	
English	<p>“Paradise Lost” Books IX and X</p> <p>“Hamlet”</p> <p>(The USA unit will be assessed in class time)</p> <p>“The Great Gatsby” / “The Sound And The Fury”</p>	<p>Forty five “Paradise Lost” thematic and critical response question focused on AO1, AO2, AO3 and AO5.</p> <p>Forty five minute “Hamlet” B style response with question focused on AO1 and AO5.</p> <p>One hour and fifteen minutes American Literature essay style response with question focused on AO1, AO3, AO4</p>	<p>“Paradise Lost” quotation bank creation; practise with the sample past questions; practise planning establishing and developing arguments and interpretations using the opening paragraph and subsequent topic sentences.</p> <p>“Hamlet” quotation bank creation; review and revise performance notes, critical views quotation bank creation; practise planning establishing and developing arguments and interpretations using the opening paragraph and subsequent topic sentences.</p> <p>“Gatsby”/ “Fury” quotation bank revision (for characters, themes, and settings); practise planning and sustaining an argument over a series of paragraphs, with links between the arguments established and developed in each paragraph; annotate key excerpts of the novel with relevant contextual information and ideas; read criticism (e.g., on English Media Centre) to see how critics weave context into their arguments about “Gatsby” / “Fury” and other works of American literature.</p>
French	Year 1 textbook all topics (A-F), key ideas, vocabulary and grammar	AS Paper (listening, reading + translation into English and into French)	Kerboodle textbook and answers on Teams, past papers on Teams, reading and listening practice on a regular basis (eg. Francophonie channel)
Spanish	AQA A Level Year 1 Text Book Units 1 to 6 vocabulary (sophisticated) hispanic culture (key ideas), grammar structures, regular and irregular verbs (past, present and future tenses, subjunctive, passive voice)	AS Paper (listening, reading and translation)	<p>Kerboodle resources (unit booklets and online), Quizlet, Seneca, www.thislanguages.com, www.spanishboat.com, www.worreference.com</p> <ul style="list-style-type: none"> - Active target language use in lessons with teachers - Active revision and practice of grammar using past activities and websites given by teachers in lessons

German	As textbook all chapters, topics: key ideas, vocabulary and grammar	AS paper (listening, reading and translation)	<ul style="list-style-type: none"> - Textbook - Kerboodle resources - Quizlet - Video sources given in lessons
Latin	AS vocabulary list from Latin to English, as well as Ovid vocabulary Starter words and vocabulary checklists 1-6 (p195-205). Grammar covered up to the end of chapter 3 of the textbook. Rules of scansion The Cicero set text – context <i>The whole of Virgil Aeneid 12 in translation – essay plans</i>	Livy and Ovid translations. Cicero context <i>and</i> <i>Virgil essay</i>	<p>Use VTP6 or Quizlet to revise the vocabulary lists.</p> <p>Use the previous translations, context questions and essay plans that you have done this year to prepare you for the exam this summer</p>
Ancient History / Classical Civilisations	<p>Democracy and the Athenians</p> <ol style="list-style-type: none"> 1. Solon 2. Cleisthenes 3. 5th Century Developments 4. Democracy idealised (Tragedy and Thucydides) 5. Democracy Critiqued - The Old Oligarch <p>Imperial Image</p> <ol style="list-style-type: none"> 1. Chapter 2.1 Octavian comes to Rome 2. Chapter 2.2 Power Struggle 3. Chapter 2.3 Augustus' reign (up to Succession) 	<p>1 hour past paper on Democracy and the Athenians</p> <p>45 minute paper on Imperial Image</p>	<p>Democracy and the Athenians: Assess your current knowledge of each of the modules; Use the retrieval roulette spreadsheet on the team to consolidate knowledge of the first 3 topics; re-read each set text, make a quotation bank from these; make notes from the textbook on each of the set texts as you go.</p> <p>Revise the content and themes, focusing on the sources we have covered. Make sure you can link key themes from across the course to different sources and historical content.</p>
Theatre Studies	Analysis of Jerusalem, revise all themes and performative elements from a performer's and director's point of view. The aims of the Theatre Maker from your chosen piece of seen theatre.	25 Mark Jerusalem essay and 25 mark live response essay	<p>Jerusalem - Focus on the social, cultural and historical aspects of the themes, and moments we have focussed on. Revise the character notes made on all major characters in the play.</p> <p>Live Response – revise the approaches and aims of the Theatre Maker with reference to skills employed and the social, cultural and historical nature of the play.</p>

<p>Music</p>	<p>Shorter A-Level paper: A-section includes western classical tradition (ABC*) and <u>one</u> optional area of study (also AC*). B-section includes listening questions on Baroque solo concerto and an extended response on Romantic piano music C-section – 1 extended response on either optional area of study</p> <p>*A = listening questions, B = dictation, C = 10 marker short essay</p>	<p>85-minute paper</p>	<p>A-level anthologies – revise and remember annotations Practice musical dictation www.musictheory.net for interval recognition training</p>
<p>Geography</p>	<p>Water and carbon cycles, Global systems and governance – whole topic for both</p>	<p>Two 50-minute papers following the typical structure of an AQA paper – 4, 6 (analyse), 6 (figure and own knowledge), 20.</p>	<p>Your OneNotes should be your first choice for revision along with the powerpoints and resources in the Content Library. You can also access past papers and a wide range of revision resources in the ‘Revision’ tab at the top of your Geography Team.</p> <p>Effective A-Level revision will do the following:</p> <ul style="list-style-type: none"> - Actively learn content – both examples and theory - Incorporate evaluation into revision – i.e. not just learning facts but considering evaluation of importance, significance, spatial/temporal variation as well - Practice key skills such as figure analysis - Apply your knowledge to practice questions. - Complete practice question under timed conditions 1m 15s per mark.
<p>Theology & Philosophy</p>	<p>All of the epistemology and moral philosophy components of the philosophy A level specification</p>	<p>240-minute exam 3, 5, 5, 12, 25, 25 exam questions.</p> <p>1x 25 marker from epistemology and 1x 25 marker from moral philosophy. The 12 marker will be epistemology and the rest mixed.</p>	<p>Use your notes and the PP lesson slides on the team channel.</p> <p>The best revision techniques is to create 25-mark essay plans and then practise writing them in full.</p> <p>Further revision documents and exam technique can be found here Philosophy for AS and A Level (routledge.com)</p>
<p>History</p>	<p>Cold War – All content up to 1962 Tudors – All content up to 1547</p>	<p>2 exams – 1 each for Tudors and Cold War. 70 minutes for each exam. Each exam will include 1 essay from a choice of two and 1 source/interpretations question</p>	<p>Use your notes and your textbooks. Use the sources and essay questions available in your textbooks. There is a huge bank of past questions available on teams. Active revision doing timelines, mind-maps, essay plans and other recall activities are the most effective way to spend your time.</p>

PE	<p>Applied Anatomy and Physiology</p> <ul style="list-style-type: none"> • Cardio-respiratory system • Neuromuscular system • Musculo-skeletal system • Energy systems <p>Skill Acquisition</p> <ul style="list-style-type: none"> • Skill, skill continuums and transfer of skill • Impact of skill classification on structure of practice for learning • Principles and theories of learning and performance • Use of guidance and feedback • Memory models • Efficiency of information processing to include <p>Sport and Society</p> <ul style="list-style-type: none"> • Emergence of globalisation of sport in the 21st century • Pre-industrial (pre-1780) • Industrial and post-industrial (1780–1900) • Post World War II (1950 to present) • The impact of sport on society and of society on sport 	<p>Full past paper. Paper 1. 105 marks available. 2 hours.</p> <p>Section A: Applied anatomy and physiology</p> <p>Section B: Skill acquisition</p> <p>Section C: Sport and society</p> <p>Section A: multiple choice, short answer and extended writing (35 marks)</p> <p>Section B: multiple choice, short answer and extended writing (35 marks)</p> <p>Section C: multiple choice, short answer and extended writing (35 marks)</p>	<p>AQA A-level Physical Education Specification at a glance</p> <p>Revise chapters and take checkpoint tests using personal Everlearner login. Watch and rewatch videos for any topics you are least confident.</p> <p>The EverLearner :: Home</p> <p>A-level Past Papers</p> <p>AQA A-level Physical Education Assessment resources</p>
Computer Science	<p>AQA A Level Computer Science (7517)</p> <p>Whole topics:</p> <ul style="list-style-type: none"> • Data structures • Algorithms • Data representation • Computer Systems 	<p>A 120-minute written paper covering a mixture of Paper 1 (Section A and C) and Paper 2 content.</p>	<p><u>Resources</u></p> <p>Use the resources on Teams, your coursework notes, textbook, and Isaac Computer Science or Physics and Maths Tutor.</p> <p><u>Techniques</u></p> <ul style="list-style-type: none"> • Practise programming challenges • Use flash cards and practise writing longer explanations for theory content

	<ul style="list-style-type: none"> Relational Databases and SQL <p>Partial topics:</p> <ul style="list-style-type: none"> Theory of computation (<i>abstraction and automation, regular languages, classification of algorithms</i>) Fundamentals of communication (<i>communication, networking</i>) 		<ul style="list-style-type: none"> Past paper questions for both paper 1 and 2
Economics	<p>Micro: All content covered in class in Y12 up to and including section 2.11 Price Controls.</p> <p>Macro: All content covered in class in Y12 up to and including section 3.2 Monetary Policy.</p> <p>What are my resources? Paper 2 content covered in class in Y10; all sections from section 3.1 up to and including 3.5.</p> <p>What are my resources?</p> <ul style="list-style-type: none"> Textbook Class notes Lesson slides on Teams Key links on slides Revision guides CGP – needed <p>A-Level Economics: Year 1 & 2 Complete Revision & Practice (with Online Edition) CGP Books</p> <p>OCR revision guide – optional My Revision Notes: OCR A-level Economics: Amazon.co.uk: Dyer, Simon: 9781398311893: Books</p>	<p>2 separate 'A' Level standard question papers:</p> <p>1 x Y12 Micro (Paper 1) 1hr (40 marks) Format: 20 marks of short answer questions (1,2,3 or 4 mark) 20 marks for 2 'evaluate' questions, 1 x 8 mark and 1 x 12 mark.</p> <p>1 x Y12 Macro (Paper 2) 1hr (40 marks) Format: 20 marks of short answer questions (1,2,3 or 4 mark) 20 marks for 2 'evaluate' questions, 1 x 8 mark and 1 x 12 mark.</p>	<p>DO</p> <p>Make your own 'revision-ready' notes by consolidating your class notes, lesson slides, textbooks, links etc. This is best done throughout the year, but it is never too late to start!</p> <p>Your revision-ready notes should contain the key elements of each topic: definitions, measurements, causes, consequences, evaluation points and policy options.</p> <p>Learn definitions and diagrams.</p> <p>Learn, speak and write using precise economic terminology. Make a list of definitions (flashcards or tables)</p> <p>Start a small notebook with all the key diagrams. Continue adding to this in Year 13. Correct labelling is crucial.</p> <p>Real world examples: start building a collection of facts and figures that provide real world examples of topics we cover; continue in Year 13.</p> <p>Practise writing! Unless you have permission to use a laptop in exams, <u>pen and paper is best!</u></p> <p>Work with peers and explain the content to each other.</p> <p>Review worksheets, assessments, feedback, and self-reflection documents: have you been working on the areas for improvement that you had identified?</p>

			<p>Practise past papers but keep in mind that question sets cover multiple topics.</p> <p>DO NOT Spend time searching up and memorizing A-level mark schemes. Mark schemes provide a basic guideline for the person marking the exam; they are NOT a revision tool.</p> <p>Use online videos and random websites to learn definitions or to revise.</p> <p>Start introducing concepts from outside the specification to your answers. While extra reading is fantastic, when it comes to writing exam answers, stick to the OCR spec for content.</p>
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