

Year 10

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](#) (print this off)

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: B1.2 Respiration B1.4 Photosynthesis, B2.1 Supplying the cell, B2.2f-j Plant transport, B2.2a-e Animal transport, B3.1 B3.2 a-f Animal communication, B3.2 g-l Plant communication, B3.3 The endocrine system (plus year 9 GCSE content)</p> <p>PAGs (practical activity groups): B1 Microscopy, B2 Testing for Biological molecules, B3 Sampling, B4 Enzymes, B5 Photosynthesis B6 Physiology, B8 Osmosis.</p>	Multiple choice, short answer questions and at least one level of response question (6 marks)	<p>Use own exercise book and coloured sheet 'Year 10 key concepts in Biology 2023-24' in the front of exercise books</p> <p>kerboodle p38-43,46-53,72-83,88-97, 110-113</p> <p>Use Biology share point GCSE 9-1 for learning grids, revision sheets, exam technique tips</p> <p>Create mind maps for each topic area including key terms</p> <p>Note: please do not revise content until you have covered it in class</p>
Chemistry	All topics covered since the start of Y9. C1 Particles, C2 Elements, compounds & mixtures, C3 Chemical reactions, C4 Predicting and identifying reactions and products & C5.1 monitoring chemical reactions	1 hour 15 minute 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 module checklists on your class team to check your knowledge and then use your classnotes/ textbook to fix the gaps. Textbook pages 18-34,36-84,86-130, 132-156,158-173.</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 Y11. <p>Useful website GCSE Chemistry (Single Science) - OCR Gateway - BBC Bitesize</p>

Physics	All content studied to date this year: P3 Electricity, P4 Magnetism, P5 Waves	1 Paper	<p>Start with the areas you feel least confident with, identified from past topic test scores/homework feedback/classwork feedback/checking the specification outlined in the textbook.</p> <p>Practise key formulae in the context of questions to develop your understanding of how variables are related/affect each other.</p> <p>Cross reference your notes with alternative sources, such as BBC Bitesize, the textbook, Encyclopaedia Britannica.</p> <p>Consult peers, friends, family and your teachers if independent study – or a particular concept - is challenging.</p> <p>Use coloured pens to outline strengths/successes and weaknesses/misconceptions in your answers to practise exercises.</p> <p>DO NOT Just memorise formulae in order to regurgitate them in the exam. Revise content that you are already confident with.</p>
Maths	<p>The Year 10 exam will assess content learnt during our Year 9 and 10 studies (and any topics which build upon Year 7 & 8 studies). Please see pupil versions of the Year 9 & 10 schemes of work for Blocks 4, 5 & 6 (and blocks 1, 2 & 3) on the class Team channel.</p>	<p>Two 45 minute papers, one non-calculator paper and one calculator paper. The Year 10 exam will assess GCSE content. Higher grade and FSMQ 6339 understanding will be assessed in June. (Further details to follow).</p>	<p>Mymaths website: https://www.mymaths.co.uk/</p> <p>An online textbook will be available to students after the Easter holiday.</p> <p>Mathematics is not a spectator event. The only way to improve is to do. Revision should be split into 3 sections. 1 – Understanding – review all topics covered and the spend time reviewing any gaps in each topic. 2 – Topic specific exam question practice including problem solving questions. 3 – mixed topic exam question practice.</p> <p>DO: Complete practice questions, especially problem-solving style questions. Watch videos when needed and pause when questions are asked to think about the answer before moving on. Work in small groups to work on questions occasionally to share ideas.</p> <p>DO NOT: Just read through your exercise book. Watch a video without also doing the questions. Work in group and watch other people do maths</p>
English	GCSE English Language Component One reading skills (section A) and writing skills (section B)	GCSE English Language Component One full paper	Use the question by question guidance sheet to revise how to approach each task; use practice questions posted in Teams; consistently read a range of non-fiction texts in preparation for the unseen extract.

French	Vocabulary from topics, word order and present , near future, perfect, imperfect, simple future, conditional, subjunctive tenses in –er, -ir, -re verbs (regular and irregular). Topics: free time activities, technology, family and friends, celebrations, health, home and local area, holiday.	Past papers Reading, Listening, Writing and Speaking	Ex. Exercise book, Kerboodle reading and listening exercises. and Quizlet vocab, This is School interactive questions
Spanish	AQA GCSE Spanish Higher units 1 to 5 vocabulary, grammar structures, regular and irregular verbs (past, present and future tenses)	Past papers Reading, Listening, Writing and Speaking	Kerboodle resources (unit booklets and online), Quizlet, Wordwall, Seneca, www.thisislanguages.com www.Spanishboat.com , www.languagesonline.org.uk <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
Mandarin	Edexcel Chinese Units 3 to 6 vocabulary, grammar structures, HSK2 to 3 vocabulary and grammar structures	HSK external test (Writing, listening and reading)	Vocabulary Booklets (Practice character writing) Quizlet (shared on Teams, practice sentence structure and reading) HSK past papers <ul style="list-style-type: none"> - Use the listening files to practice listening - Use the past paper to practice reading Speaking photo cards from GCSE past paper (2020 and 2021) <ul style="list-style-type: none"> - Describe the photos - Ask and answer questions based on the photo cards
German	Vocabulary from booklet, grammatical structures topics 1-5, including in context, i.e. reading and listening practice	Past paper List and Reading, Writing	Ex. Bk for grammar and topic content, Kerboodle reading and listening and quizlet vocab.
Latin	GCSE vocabulary list, including restricted vocabulary list from English to Latin. (see here) All grammar covered in the GCSE specification	Full GCSE language paper (a sample one can be viewed here)	Audit your existing knowledge and ensure you know the fundamentals from year 7 (case) and 8 (tense). Use word connections that we can make with English (or other languages) words that look similar [e.g. audio = I hear, we can remember this from audible, audience, audio cable etc]. You can use VTP6 or Quizlet to test yourself on the GCSE vocabulary; make sure you know common irregular perfect tenses and perfect passive participles.

	(pages 20-22 of this document)		<p>Use grammar and exercise powerpoints on Teams to revisit any topics you are unsure of. You may find it very useful to write out these tables from memory as part of your revision, so you can confidently expect to remember all the endings in the exam.</p> <p>Use this website to test yourself: Interactive Grammar tables at LatinTests.net!</p> <p>Repeat some of the grammar tests from in class at home to ensure you know all the endings and their meanings.</p> <p>Make sure you remember the word order of a Latin sentence – you can practice this knowledge by redoing exercises that you did earlier in the year as you have the answers in the book to check your working – you may also have colour coded exercises posted by your teacher on Teams that clearly shows where to find the subject, verb and object etc in a Latin sentence</p> <p>Use the revision sentences at the back of the Latin to GCSE book 2 to work on specific areas. If you would like the answers to any of these, please email your teacher for them.</p> <p>Make sure you know participles, ablative absolutes, indirect statements and uses of the subjunctive well as these can often trip students up.</p>
Ancient History / Classical Civilisation	<p>All the content of the GCSE paper 1 – Greece and Persia. Information regarding what you need to learn for the Persia period study can be found on p. 8-9 of the specification and information about what you need to know about Alexander the Great can be found on p. 13 of the specification.</p>	<p>2 hour GCSE standard exam. An example paper can be found here.</p>	<p>Use the self-study document on teams to assess gaps in your knowledge</p> <p>Use your knowledge organisers and the textbook to revise factual content</p> <p>Create tests for yourself / a revision buddy to check your knowledge and understanding</p> <p>Persia - as you revisit each king think about second order concept such as continuity/change, cause and consequence.</p> <p>Persia - Take cross-sections of the course (e.g. military policy, building projects etc.) and look at the achievements of each king in that area.</p> <p>Alexander – pay particular attention to the sources, ensure you know which writer talks about which events.</p> <p>Alexander – Use carousel to revise the factual content.</p> <p>Look back over past written work to remind yourself how to approach each type of written question, and look at feedback you have been given on your work for how to improve.</p>
Drama	<p>Vocal and physical skills checklists. Use of</p>	<p>Live Response 32 mark essay</p>	<p>Rewatch Warhorse, follow the guide on Teams, rewatch and note the 3 moments we focus on with particular study of</p>

	performance space with specific drama terminology		vocal and physical skills being employed to effectively portray the scenes.
Music	<p>Shorter GCSE Music paper:</p> <p>Section A: 3 lots of listening questions on the set works you have studied (Bach, Schwartz & Beethoven) An unfamiliar listening question Musical dictation</p> <p>Section B: Extended response (12-marks) comparing one of your set works with an unfamiliar piece of music. Blank scores will be provided for this question.</p>	60-minute paper	<p>GCSE music anthologies – revise and remember annotations</p> <p>Practice musical dictation</p> <p>www.musictheory.net for interval recognition training</p> <p>Do wider listening around each set work you have studied (look at wider listening suggestions in your anthologies)</p>
Geography	Coasts, Rivers and Changing Economic World	There will be a mix of exam questions, from multiple choice up to 9 markers. These will follow the typical structure of an AQA paper.	<p>Your green book! This should be your first choice for revision along with the powerpoints on Teams (files). Remember the notes section under the powerpoints often have teacher notes on, so worth looking at! Mr Luteijn has also created a revision tab for you on Teams which has links to past papers, check lists and so on. You have the textbook on kerboodle. The purple workbook is good for providing additional questions, but write these in pencil so you can use these again for future exams. Revise AQA GCSE Geography Revision Workbook: for home learning, 2022 and 2023 assessments and exams (Revise AQA GCSE Geography 16) : Bircher, Rob: Amazon.co.uk: Books</p> <p>Effective GCSE revision enables students to learn content first through flash cards, spider diagrams etc and then apply these to exam questions.</p>
Theology & Philosophy	<ul style="list-style-type: none"> • Natural Law Theory • Situation ethics • Katian ethics 	<p>75-minute exam answering 2 essay questions worth 30 marks each (each essay 35 mins).</p> <p>The essays will both be from the Philosophy and Ethics component studied this year.</p>	<p>Lesson PowerPoints on team channel</p> <p>Revision resources on teams channel including 2-page topic summaries and essay plans for you to adapt.</p> <p>Essay structure outline and overview is available on teams.</p> <p>Online textbook is available with your login.</p> <p>The best revision technique is to create a 30-mark essay plan and then practise writing them in full.</p>

	<ul style="list-style-type: none"> Utilitarianism Euthanasia 		
History	Russia: Tsardom and Communism (1894-1945)	1 hour, 6 questions, GCSE practice paper	Use your exercise book. Revise actively using retrieval practice to test your memory and recall skills. Past questions are available on sharepoint. There is no textbook available. Some students have found this revision guide useful My Revision Notes: AQA GCSE (9–1) History: Russia, 1894–1945: Tsardom and communism: Amazon.co.uk: Fearn-Davies, Matthew: 9781398310186: Books
PE	Chapter 1- Applied Anatomy and Physiology Chapter 2- Movement Analysis Chapter 3- Physical Training Chapter 4- Use of Data Chapter 5- Sports Psychology Chapter 6- Socio-cultural influences Chapter 7- Health, Fitness and Wellbeing How to plan and structure 6 and 9 mark questions using AO1- knowledge, AO2- Application (examples) and AO3- Analysis/ Evaluation (opinions)	Full past paper. Paper 1. 78 marks available. 1 hour 15 minutes. Applied anatomy and physiology Movement analysis Physical training Use of data A mixture of multiple choice/objective test questions, short answer questions and extended answer questions.	AQA GCSE Physical Education Specification at a glance Revise chapters and take checkpoint tests using personal Everlearner login. Watch and rewatch videos for any topics you are least confident. The EverLearner :: Home GCSE Past Papers AQA GCSE Physical Education Assessment resources
Computer Science	AQA GCSE Computer Science (8525): Whole topics: <ul style="list-style-type: none"> Algorithms Programming Data Representation Computer Systems SQL and Relational Databases 	A 90-minute written paper containing a mixture of theory questions and algorithm/programming tasks.	<u>Resources</u> All lesson slides on Teams, your coursework notes, textbooks and Isaac Computer Science. <u>Techniques</u> <ul style="list-style-type: none"> Practise programming challenges Review key terms and definitions Use flash cards for theory content Practise binary calculations and verify answers on online calculators Past paper questions for both paper 1 and 2

Electronics	2.2 Component 2 Application of Electronics. This component covers the following topics: 1. Operational amplifiers 2. Timing circuits 3. Sequential systems 4. Interfacing digital to analogue circuits 5. Control circuits	Written examination: 1 hour 30 minutes	Resources include online textbook (link in Teams), WJEC website (GCSE Electronics). There are other resources on Teams as well.
Economics	<p>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 • Revision guide 	<p>One written paper with 60 minutes available to answer; 50 marks in total. GCSE Paper 2 questions.</p> <p>Section A: 10 x multiple choice questions (10 marks).</p> <p>Section B: 2 full GCSE Question Sets (40 marks). Each set will include question worth 2,2,6 (analyse); 2,2,6 (evaluate).</p>	<p>DO</p> <p>Learn your definitions! Make a list using your notes/ slides and textbook. This can be done in the form of flashcards or a list on paper which you can cover and recall. You can also use the revision guide My Revision Notes: OCR GCSE (9-1) Economics: Amazon.co.uk: Miles-Kingston, Jan, Riches, Clive: 9781510472181: Books</p> <p>Use the exemplars on the lesson slides practise writing clear and precise chains of reasoning and evaluative statements.</p> <p>Make a summary sheet (two sides of A4) for each topic, which contains definitions, measurements, causes, consequences, evaluation points and policy options.</p> <p>Practice questions: re-do the blank copies of assessments. Re-read feedback documents so that you know exactly how to answer questions. It is fine to try past papers GCSE - Economics (9-1) - J205 - OCR, but keep in mind that question sets in Paper 2 cover multiple topics, and you may not be able to answer everything.</p> <p>Practise writing complete definitions and chains of reasoning neatly and accurately and at a reasonable pace. Unless you have permission to use a laptop in exams, <u>pen and paper is best!</u></p> <p>Work with a friend to quiz each other and always use economic terminology</p> <p>DO NOT</p> <p>Spend time searching up and memorizing GCSE 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 revise.</p>