

## Year 9

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><b>Content:</b> Inheritance, transport in cells, digestion, enzymes and food, cells, microscopes, ecosystems, (plus all of year 7 and 8 content)</p> <p><b>PAGs (practical activity groups):</b> B1 Microscopy, B2 testing for biological molecules (food tests), B4 Enzymes, PAG 8 Osmosis in cells.</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 9 key concepts in Biology 2023-24' in the front of exercise books</p> <p>Use feedback from graded tasks and assessments</p> <p>Learn the reagents used in food tests (positive and negative colours)</p> <p>Learn key terms</p> <p>Learn to label the digestive system and the enzyme reactions</p> <p>Create mind maps for each topic area</p> <p>kerboodle p18-25,32-35,38-39,58-73, 130-133,136-139,150-153,156-161, 252-253, 256-257</p> <p>Note: please do not revise content until you have covered it in class</p>
Chemistry	All topics covered this year. C1 Particles, C2 Elements, compounds & mixtures, C3.1 introducing chemical reactions.	1 hour 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 18-34,36-84,86-101.</p> <p>Useful revision activities include</p> <ul style="list-style-type: none"> <li>• Topic mindmaps with all the key points summarised</li> <li>• 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.</li> </ul>

			Useful website <a href="#">GCSE Chemistry (Single Science) - OCR Gateway - BBC Bitesize</a>
Physics	All content studied to date this year: P2 Forces, P1 Matter up to.....	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>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.</p> <p>Revise content that you are already confident with.</p>
Maths	The Year 9 exam will assess content learnt during our Year 9 studies (and any topics which build upon Year 7 & 8 studies). Please see pupil versions of the Year 9 schemes of work for Blocks 1, 2 & 3 on the class Team channel.	Two 40 minute papers, one non-calculator paper and one calculator paper.	<p>Mymaths website: <a href="https://www.mymaths.co.uk/">https://www.mymaths.co.uk/</a></p> <p>The Collins Online textbook</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>
French	Vocabulary from topics, word order and present, near future, perfect, imperfect, conditional, simple future tenses (regular and irregular). Topics: free time activities, technology, family and friends	Reading, Listening, Translation	Ex. Exercise book, Kerboodle reading and listening exercises. and Quizlet vocab, This is School interactive questions

Spanish	Vocabulary from book ( food, healthy and unhealthy food, opinions, going to restaurant, holidays, technology and hispanic culture) verbs ending and tenses regular and irregular verbs ( present, past and future, negatives, comparisons, “soler + infinitive”, prepositions, agreements)	Reading, Listening and Translation.	Vocabulary booklet, Claro 2 from Kerboodle online (reading and listening exercises and grammar) Quizlet, Wordwall, Blooket, <a href="http://www.Spanishboat.com">www.Spanishboat.com</a> , <a href="http://www.languagesonline.org.uk">www.languagesonline.org.uk</a> <ul style="list-style-type: none"> <li>- Revise the grammar and re-visit the practice activities that have been done throughout the year for additional practice.</li> <li>- Watch movies you are familiar with in Spanish with English subtitles to familiarise yourself with the skill.</li> </ul>
Mandarin	Vocabulary from book (shopping, travelling in China) Vocabulary from GCSE textbook (My life and School) prepositions, opinions, comparisons, connectives (虽然, 但是, 如果, 就)	Reading, Listening and Writing.	Vocabulary Booklets (Practice character writing ) Quizlet (shared on Teams, practice sentence structure and reading) <a href="https://eu.gochinese.net/goChinese/">https://eu.gochinese.net/goChinese/</a> <ul style="list-style-type: none"> <li>- Use website to practice reading and listening</li> <li>- Start from the 2023 past paper and do one set every week</li> </ul> Speaking photo cards from Year 7 and 8 <ul style="list-style-type: none"> <li>- Describe the photos and use connectives</li> <li>- Use photo cards to learn to revise how to ask questions</li> </ul>
German	Vocabulary from book/vocab sheets, word order and present tense verb endings, conditional, modal verbs, future, past tense, incl haben and sein, nehmen, essen. Cases and adjective endings	Listening and Reading, Writing	<ul style="list-style-type: none"> <li>- Learn the vocabulary on quizlet/ kerboodle/ the vocab sheets both ways (meaning and spelling) to help with writing and translation</li> <li>- Use the textbook on kerboodle/ your exercise book/ the ppt on teams for the grammar</li> <li>- Go through past exercises of reading/listening to practice the skills in the kerboodle book</li> <li>- Watch videos e.g. ‘easy German’ on youtube so you can familiarise yourself with German</li> </ul>
Latin	GCSE vocabulary list from Latin to English; grammar covered up to the end of chapter 8 of the textbook.	Translation and comprehension questions (including grammatical analysis questions).	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.

			<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: <a href="https://www.latintests.net/">Interactive Grammar tables at LatinTests.net!</a></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 textbook and exercise book to revise grammar.</p>
Ancient History / Classical Civilisations	Cyrus, Cambyses, Darius and Xerxes (Persia breadth study)	1 hour long GCSE standard paper on Depth Study (mixture of short answer questions and extended answer questions)	Use the self-study document on teams to assess gaps in your knowledge; use your knowledge organisers and the textbook to revise factual content; create tests for yourself / a revision buddy to check your knowledge and understanding; as you revisit each king think about second order concept such as continuity/change, cause and consequence. Take cross-sections of the course (e.g. military policy, building projects etc.) and look at the achievements of each king in that area.
Drama	Finalise your script and tech plan, learn lines and transitions and fully rehearse your practice devised piece	Performance of practice GCSE devised piece	Rehearse effectively in class, collaborate on Teams with your group. Have your piece completely ready to perform
Music	<ol style="list-style-type: none"> <li>1. Interval recognition</li> <li>2. Extended chord recognition</li> <li>3. Short written analysis to a piece of a film music</li> <li>4. More TBC</li> </ol>	45-minute paper	<a href="http://www.musictheory.net">www.musictheory.net</a> for interval recognition training
Geography	Coasts and Urban	There will be a mix of exam questions, from multiple choice up to a 9 marker. These will follow the typical	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

		structure of an AQA paper.	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 Effective GCSE revision enables students to learn content first though flash cards, mindmaps etc and then apply these to exam questions.
Theology & Philosophy	<ul style="list-style-type: none"> <li>• Ancient Greek influence</li> <li>• Plato and Aristotle</li> <li>• Soul, Mind and Body</li> <li>• Teleological argument for God's existence</li> <li>• Cosmological argument for God's existence</li> <li>• Ontological argument for God's existence</li> <li>• Religious Experience</li> <li>• Evil and Suffering</li> </ul>	60-minute exam including 1, 2, 4, 8 and an extended 12-mark essay question.	<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>
History	Migration, Empires and the People (all content studied this year)	1 hour, 4 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 A textbook is available on Kerboodle
PE	Chapter 1- Applied Anatomy and Physiology Chapter 2- Movement Analysis	Combination of multiple choice, 1-4 mark answers focusing on knowledge and definitions, as well as several 6 to 8 mark questions where depth,	<a href="#">AQA   GCSE   Physical Education   Specification at a glance</a> Revise chapters and take checkpoint tests using personal Everlearner login. <a href="#">The EverLearner :: Home</a> GCSE Past Papers

		detail and examples are needed for maximum marks.	<a href="#">AQA   GCSE   Physical Education   Assessment resources</a>
Computer Science	<p>AQA GCSE Computer Science (8525):</p> <p>Algorithms</p> <ul style="list-style-type: none"> <li>- (<i>whole topic</i>)</li> </ul> <p>Programming</p> <ul style="list-style-type: none"> <li>- (<i>everything except 2-dimensional arrays and record types</i>)</li> </ul> <p>Intro to Data Representation</p> <ul style="list-style-type: none"> <li>- (<i>number bases, converting, units, binary arithmetic, character encoding, images</i>)</li> </ul> <p>Intro to Computer Systems</p> <ul style="list-style-type: none"> <li>- (<i>hardware and software, boolean logic, secondary storage</i>)</li> </ul> <p>Intro to Networks</p> <ul style="list-style-type: none"> <li>- (<i>types, topologies</i>)</li> </ul>	A 90-minute written paper containing a mixture of theory questions and algorithm/programming tasks.	<p><u>Resources</u></p> <p>All lesson slides on Teams, your coursework notes and Isaac Computer Science.</p> <p><u>Techniques</u></p> <ul style="list-style-type: none"> <li>• Practise programming challenges</li> <li>• Review key terms and definitions</li> <li>• Use flash cards for theory content</li> <li>• Practise binary calculations and verify answers on online calculators</li> <li>• Past paper questions for both paper 1 and 2</li> </ul>
Electronics	<p>From the specification, WJEC Eduqas GCSE (9-1) in ELECTRONICS 2.1</p> <p>Component 1: Resistance, Capacitance, Diodes, Signals &amp; Waveforms, Transistors, Timing and Switching Circuits and Combinatorial Logic Systems</p>	A 90-minute written paper	Use the resources on Teams, your coursework notes, and appropriate media.
Economics	<p>All content covered in class in Y9 up to and including section 2.5 Competition.</p> <p>What are my resources?</p> <ul style="list-style-type: none"> <li>• Textbook</li> <li>• Booklets</li> <li>• Lesson slides on Teams</li> </ul>	<p>One written paper with 60 minutes available to answer; 50 marks in total.</p> <p>GCSE Paper 1 questions.</p> <p>Section A: 20 x multiple choice questions (20 marks).</p>	<p><b>DO</b></p> <p>Make a list of all the <b>definitions</b> using your booklets and textbook. This can be done in the form of flashcards or a list on paper which you can cover and recall. You should also get the revision guide <a href="#">My Revision Notes: OCR GCSE (9-1) Economics: Amazon.co.uk: Miles-Kingston, Jan, Riches, Clive: 9781510472181: Books</a></p>

	<ul style="list-style-type: none"> <li>Revision guide</li> </ul>	<p>Section B: 1 full GCSE Question Set (20 marks) to include question worth 2,2,6 (analyse); 2,2,6 (evaluate).</p> <p>½ full GCSE Question Set (20 marks) to include question worth 2,2,6 (analyse).</p>	<p>Use the exemplars in your booklets to practise writing clear and precise <b>chains of reasoning and evaluative statements</b>.</p> <p>Draw all your <b>diagrams</b> again on a different sheet of paper / notebook without looking (pay particular attention to labelling axes)</p> <p>It is fine to try past papers <u>GCSE - Economics (9-1) - J205 - OCR</u>, but keep in mind that questions often cover multiple topics, and you may not be able to answer everything.</p> <p><b>Practise writing</b> 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 definitions, or for example, try to list factors that shift a demand curve...</p> <p><b>DO NOT</b></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>
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