

Year 8

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: Photosynthesis, respiration, senses and the skeleton, plus all year 7 content.</p> <p>Practical content: Testing a leaf for starch, oxygen production in pond weed, stomatal density on a leaf, respiration in yeast, reaction time</p>	Multiple choice plus short answer questions	<p>Use own exercise book and coloured sheet 'Year 8 Biology topics 2023-24' in the front of exercise books</p> <p>Use feedback form graded tasks and assessments</p> <p>Practice labelling the skeleton, eye, ear and cells of a leaf</p> <p>Learn the balanced chemical equations</p> <p>Create mind maps for each topic area</p> <p>Activate 1 p2-11, 28-39</p> <p>Activate 2 p14-15,18,19,22-25,30-33</p> <p>Note: please do not revise content until you have covered it in class</p>
Chemistry	All topics fully covered this year with assumed knowledge of Y7 topics. Chemical reactions, metals and acids and the earth	45 minute paper containing multiple choice and short answer questions	<p>Do not just read your textbook or exercise book. You must do something active to learn the content for Chemistry. Different strategies work for different people but the use of topics mindmaps or revision flashcards are particularly effective.</p> <p>Topic checklists will be shared by teachers. Do use these to check your understanding of all the topics being assessed.</p> <p>Revisit the topics that you are unsure of and then using your own exercise book or the Activate Chemistry textbook. Textbook pages 40-52, 92-108, 110-124.</p> <p>Useful website KS3 Chemistry - BBC Bitesize</p>
Physics	All content studied to date this year: Energy, Light, Electricity, Thermal Physics	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>Use coloured pens to outline strengths/successes and weaknesses/misconceptions in your answers to practise exercises.</p>

			DO NOT Just memorise formulae in order to regurgitate them in the exam.
Maths	The Year 8 exam will assess content learnt mainly during the year 8 study, and may also assess content covered in Year 7. For topics covered, please refer to the Schemes of work on the class Team channel.	One calculator paper, 70 minutes in length.	Mymaths website: https://www.mymaths.co.uk/ Revision packs will be shared by class teachers after the Easter holiday. 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. 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. 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.
English	Analysis skills, as practised during lessons when we interpreted author's choices of language and style.	Reading paper, as practised in class.	Read and enjoy as many fiction and non-fiction books from a range of genres as you can.
French	Vocabulary from topics, word order and present tense verb endings (incl. etre , avoir, faire and aller), near future, past tenses in –er, -ir, -re verbs	Reading, Listening, Translation	Ex. Exercise book, resources in files on Teams, Quizlet vocab
Spanish	Vocabulary from book (chores, describing your house, describing your town and neighbour, giving directions, school life) verb endings	Reading, Listening, Translation	Vocabulary booklets, Claro 1 from Kerboodde online (reading and listening exercises and grammar) Quizlet, Wordwall, www.Spanishboat.com , www.languagesonline.org.uk - Learn the vocabulary both ways (meaning and spelling) to help with writing and translation

	(present tense, future tense and imperfect), adjectives (agreements), prepositions, comparisons.		<ul style="list-style-type: none"> - Go through past exercises of reading/listening to practice the skills - Watch movies you are familiar with in Spanish with English subtitles to familiarise yourself with the skill.
Mandarin	Vocabulary from book (subjects, food, holidays, daily routine, home, job); tenses (past, future), prepositions, sentence order, directions	Reading, Listening, Writing, Speaking	<p>Vocabulary Booklets (Practice character writing)</p> <p>Quizlet (shared on Teams, practice sentence structure and reading)</p> <p>https://eu.gochinese.net/goChinese/</p> <ul style="list-style-type: none"> - Use website to practice reading and listening - Start from the 2023 past paper and do one set every week <p>Speaking photo cards</p> <ul style="list-style-type: none"> - Use the photo cards to revise the second session - Get familiar with the questions - Use photo cards to learn to ask questions
German	Vocabulary from book/ vocab sheet, word order and present tense verb endings, incl 'essen' + 'nehmen' conditional (möchten), modal (sollen), past tense	Reading, Listening, Translation	<ul style="list-style-type: none"> - Learn the vocabulary on quizlet/ kerboodle/ the vocab sheets both ways (meaning and spelling) to help with writing and translation - Use the textbook on kerboodle/ your exercise book/ the ppt on teams for the grammar - Go through past exercises of reading/listening to practice the skills in the kerboodle book - Watch videos e.g. 'easy German' on youtube so you can familiarise yourself with German
Latin	Vocabulary from the Entry Level specification and Chapters 1-5. Grammar from Chapters 1-5	Comprehension and translation paper	<p>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 Chapter 1 to 5 and Entry Level vocabulary; 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>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</p>

			<p>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>textbook and exercise book to revise grammar.</p>
Drama	Lines learn and devised piece fully rehearsed for End of Year Assessment	Performance of your stimuli driven devised piece	Rehearse effectively in class, collaborate on Teams with your group ahead of the performance
Music	<ol style="list-style-type: none"> 1. The twelve bar blues – order of the chords/blues scale 2. Identifying triads in root position 3. Identifying triads written over multiple instruments 4. Notating triads (root position and inversions) 5. Writing out the 6 triads which correspond with a given note 	45-minute paper	<p>Refer to your Y8 music workbook, specifically:</p> <p>p.5 & 12 - twelve-bar blues</p> <p>p. 6-7 – triads</p> <p>p.28 - inversions</p> <p>p.45-50 – 6 triads to correspond with a given note</p>
Geography	The test will be on all the topics you have done so far in Year 8, up to an including disease. There is a checklist of everything you need to know on Teams.	<p>You will be given a question that you need to make a decision on. The question will be similar in style (but not the same as) some of the key questions we have looked at this year, such as ‘will China be the future global superpower?’ You be given some information that you must use as well as your own knowledge to write an answer to the question. In the exam there will be detailed instructions on what you must include in your answer but essentially you must:</p> <ul style="list-style-type: none"> • Use data/examples from the information given and your own knowledge 	<p>Your green book! This should be your first choice for revision along with the powerpoints on Teams (in Files). Remember the notes sections under the powerpoints often have teacher notes on, so worth looking at! We don't recommend any revision guide as these are often out of date and don't match how we have approached teaching. You can however look at BBC bitesize for specific things like the how different types of weather is measured and recorded.</p> <p>Effective revision for Geography is...</p> <ul style="list-style-type: none"> - Active: you need to make yourself think. Ask questions, create quizzes and use flash cards. - Carefully planned to ensure you cover everything you need to know. Use the list on teams as a checklist - Spaced out: revise geography little and often not in one big chunk

		<ul style="list-style-type: none"> • Explain your points fully • Show an awareness of both sides (for and against) • Come to a clear conclusion/decision to answer the question. 	<ul style="list-style-type: none"> - Practice skills as well as learning knowledge. E.g. Describing and analysing data, graphs and maps. E.g. explanations, evaluation and making decisions
Theology & Philosophy	<p>Science and Religion - including the following issues:</p> <ul style="list-style-type: none"> • Myth, • Creation stories • Genesis: the biblical accounts • Teleological argument for God's existence • Cosmological argument for God's existence <p>Islam - including the following issues:</p> <ul style="list-style-type: none"> • The Quaran • The five pillars • Islam and Christianity comparison 	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	Content covered this year – Industrial Revolution, Empire, Changes to rights, WWI, WWII	A mixture of short knowledge-based questions and two longer answer questions	Use your exercise book. Revise actively using retrieval practice to test your memory and recall skills. Textbooks are available on Kerboodle but are not specific to what we have taught you
Computer Science	Computer Hardware, Networking and Python coding	A 60-minute online series of multiple choice and short text entry questions	<p><u>Resources</u></p> <p>Lesson slides on Teams, content in class notebook, Grok Academy and other appropriate online resources such as BBC Bitesize.</p> <p><u>Techniques</u></p> <ul style="list-style-type: none"> • Review content and notes, make flash cards to practice retrieval of key terms and definitions • Practice Python programming skills using courses and Code Gym on Grok • Practice calculations by setting own questions and checking answers with online calculators