

## Y8 - what do I need to revise?

Subject	Content	Booklets	Useful links	Suggested activities
Science	<p>You will sit 1 paper split into 3 different sections: Biology, Chemistry and Physics.</p> <p><b>Biology</b>            Structure and function of cells            Adaptation of cells            Structure and function of the musculoskeletal system            Structure and function of the respiratory system            Medicinal and recreational drugs</p> <p><b>Chemistry</b>            Properties of solids, liquids and gases            Separating mixtures with distillation, filtration, chromatography and crystallisation            Using the pH scale.            Writing word equations for the reactions of acids &amp; alkali's</p> <p><b>Physics</b>            Solving equations            Reading distance time graphs            Using force diagrams</p> <p><b>General</b>            Drawing bar and line graphs            Naming the variables in a practical</p>	<p><b>Biology</b>            Y8 – Tissues &amp; Organs            Y7 – Cells</p> <p><b>Chemistry</b>            Y8 – Acids &amp; Alkali's            Y7 – Mixtures            Y7 – Particles            Y7 – Atoms, elements &amp; compounds</p> <p><b>Physics</b>            Y8 – Pressure &amp; Moments            Y7 – Motion            Y7 – Forces</p> <p><b>General</b>            Y7 – Scientific skills</p>	<p>Sparx Science: <a href="#">Sparx Science Login</a></p> <p>BBC bitesize (KS3): <a href="#">KS3 Science - BBC Bitesize</a></p>	<p>Make a 100% page for each booklet            Make flash cards for key words and other important information            Complete Sparx activities</p>
Food Tech	<p>Food safety            Safe temperatures            Personal hygiene            Food poisoning            Nutrition            Food science            Raising agents            Food labels            Date marks</p>	<p>Home learning booklet            Class workbook            River revision guide</p>	<p>BBC Bitesize (Food Technology / Food &amp; Nutrition):  <a href="https://www.bbc.co.uk/bitesize/subjects/zdn9j6f">https://www.bbc.co.uk/bitesize/subjects/zdn9j6f</a></p> <p>NHS Eatwell Guide:  <a href="https://www.nhs.uk/liv">https://www.nhs.uk/liv</a></p>	<p>Make a 100% page for each revision booklet            Make flashcards            Create mind maps            Complete any recipe-based or practical reflection tasks from lessons</p>

	<p>3 R's Practical skills</p> <p>Cooking methods</p> <p>Presentation and portioning of dishes</p>		<p><a href="http://e-well/eat-well/the-eatwell-guide/">e-well/eat-well/the-eatwell-guide/</a></p>	
Comp Science	<p>You will sit 1 paper split into 2 sections: theory and programming.</p> <p><b>Theory</b> Binary numbers Converting between denary, binary and hex (and vice versa) Binary information is used to make words, sound and images.</p> <p><b>Programming</b> Block based programming (scratch)</p>	<p>Binary</p> <p>Block based programming</p>	<p>BBC bitesize: <a href="http://www.bbc.com/1/learning-technology/2014/08/140814_bitesize_computer_science">KS3 Computer Science - BBC Bitesize</a></p>	<p>Make a 100% page for each booklet Make flash cards for key words and other important information Practice making games and puzzles on Scratch!</p>
English	<p>You will sit a paper with a knowledge quiz and a rhetoric-based writing task. The knowledge quiz will include knowledge from Year 7.</p> <p><b>Knowledge</b> Rhetorical devices e.g. hyperbole, anaphora, statistics. Elements of rhetoric e.g. ethos, pathos and logos. Key words from our study of Animal Farm e.g. Fable, propaganda, allegory. Key words/knowledge from Year 7 units (The Gothic, Macbeth, Safiyyah's War, Identity Poetry and Autobiography Writing).</p> <p><b>Writing</b> Use a range of rhetorical devices in your own writing. Create ethos, pathos and logos. Use ambitious vocabulary. Use a range of punctuation accurately. Use a range of sentence types and structures. Use a counterargument. Structure your writing (paragraphs, introduction, main argument, conclusion).</p>	<p><b>Y8</b> The Art of Rhetoric Animal Farm</p> <p><b>Y7</b> Gothic Monsters Gothic Settings Safiyyah's War Macbeth Autobiography Writing Identity Poetry</p>	<p><a href="http://www.bbc.com/1/learning-technology/2014/08/140814_bitesize_computer_science">Writing to persuade guide for KS3 English students - BBC Bitesize</a></p> <p><a href="http://www.bbc.com/1/learning-technology/2014/08/140814_bitesize_computer_science">Exploring persuasive writing - English - Learning with BBC Bitesize</a></p> <p><a href="http://www.bbc.com/1/learning-technology/2014/08/140814_bitesize_computer_science">Women's rights across the ages: non-fiction reading and writing KS3   Y9 English Lesson Resources   Page 1 of 2   Oak National Academy</a></p>	<p>Make flashcards and mind-maps to revise knowledge Make an 100% page for each topic (prioritise Year 8 units Complete the practice writing tasks Ms Myers has shared on Class Charts</p>
Maths	<p>You will sit one paper where you may use your calculator.</p> <p>Chapters 1, 2, 3 and 4 from the Kerboodle textbook (mosaic book 2):</p>	<p><b>Kerboodle textbook (book 2)</b></p>	<p><a href="http://www.kerboodle.com/sign-in">Kerboodle - Sign In</a></p> <p><a href="http://www.kerboodle.com/sign-in">Sparx Maths - Home</a></p>	<p>Use your revision list with Sparx maths codes as a personal learning checklist</p>

	<p>Estimation and rounding Solving linear equations Sequences Linear graphs</p>	<p>Estimation and rounding – Chapter 1 Solving linear equations – Chapter 2 Sequences – Chapter 3 Linear Graphs – Chapter 4</p>		<p>to decide what to prioritise. Revise the areas you are weakest in Practice key words from your knowledge organiser Answer questions from Kerboodle textbook</p>
French	<p>You will have one paper which will test three groups of skills: Reading, Listening/Dictation, and Writing.</p> <p>You will need to show knowledge of the following:</p> <p><b>Topics</b> About me (including hobbies) About my family (including personal and physical descriptions) Where I live School rules and subjects Numbers 0-100 Days of the week/Months The French alphabet</p> <p><b>Language</b> Giving and explaining opinions and preferences Modal verbs A range of vocab (nouns and adjectives) Expression of future plans</p>	<p><b>Y7</b> C'est parti! Ça continue!</p> <p><b>Y8</b> Là où j'habite Ma vie à l'école (home learning booklet)</p>	<p><a href="http://www.linguascope.com">www.linguascope.com</a></p> <p>French Beginners level: Ma famille La vie au quotidien Les loisirs Intermediate level: À l'école</p> <p><a href="#">Days and months - KS3 French - BBC Bitesize - BBC Bitesize</a></p> <p><a href="#">Family and pets – KS3 French – BBC Bitesize</a></p> <p><a href="#">Introducing yourself - KS3 French - BBC Bitesize</a></p> <p><a href="#">Talking about your room in French - KS3 French - BBC Bitesize</a></p>	<p>Re-write past written assessments Use knowledge organisers in HL booklet to create model sentences Practise listening to French spellings</p>

<p>Geog</p>	<p>You will have one assessment that features multiple choice questions and extended writing.</p> <p>Topics will include:          How we measure weather and climate          Climate change          Extreme weather          Influences on population          How populations change          River landforms          River processes          River management</p>	<p><b>Y8</b>          Population          Rivers</p> <p><b>Y7</b>          What is Geography?          Who we are          Weather and          Climate          Frozen Planet</p>	<p><a href="https://www.bbc.co.uk/bitesize/topics/zs92tfr/articles/z66mxbk">https://www.bbc.co.uk/bitesize/topics/zs92tfr/articles/z66mxbk</a></p> <p><a href="https://www.bbc.co.uk/bitesize/topics/zs92tfr/articles/zmycr2p">https://www.bbc.co.uk/bitesize/topics/zs92tfr/articles/zmycr2p</a></p> <p><a href="https://www.bbc.co.uk/bitesize/articles/zxv4cmn#z7833j6">https://www.bbc.co.uk/bitesize/articles/zxv4cmn#z7833j6 -</a></p> <p><a href="https://www.bbc.co.uk/bitesize/articles/zp8jwnb">https://www.bbc.co.uk/bitesize/articles/zp8jwnb</a></p> <p><a href="https://www.bbc.co.uk/bitesize/topics/zm38q6f/articles/z6hb3j6#ztkrcmn">https://www.bbc.co.uk/bitesize/topics/zm38q6f/articles/z6hb3j6#ztkrcmn</a></p> <p><a href="https://www.bbc.co.uk/bitesize/topics/zg7nvcw/articles/zgrbg7h#zk99kty">https://www.bbc.co.uk/bitesize/topics/zg7nvcw/articles/zgrbg7h#zk99kty</a></p> <p><a href="https://www.bbc.co.uk/bitesize/topics/zx38q6f/articles/zwwfn9q#z9kbvwx">https://www.bbc.co.uk/bitesize/topics/zx38q6f/articles/zwwfn9q#z9kbvwx</a></p> <p><a href="https://www.bbc.co.uk/bitesize/topics/zx38q6f/articles/zqnb3j6#zqcqwwnb">https://www.bbc.co.uk/bitesize/topics/zx38q6f/articles/zqnb3j6#zqcqwwnb</a></p>	<p>Make 100% pages for river processes (erosion, transportation and deposition) as well as how we manage rivers          Test yourself on key words</p>
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History	<p>Key people such as:  Emperor Justinian  Holy Roman Emperor Charlamagne  William the Conqueror  Mansa Musa  Martin Luther  Charles I  Oliver Cromwell</p> <p>Chronology and using timelines events like:  The Norman Conquest  Mansa Musa and the Mali Empire  The Black Death  The Peasants' Revolt  Martin Luther and The Reformation  The English Civil War</p>	Use your Y7 and Y8 curriculum and home learning booklets	<p><a href="#">What is chronological order? - BBC Bitesize</a></p> <p><a href="#">The Norman Conquest - KS3 History - BBC Bitesize</a></p> <p><a href="#">Mali and Mansa Musa - Precolonial Africa - KS3 History - homework help for year 7, 8 and 9. - BBC Bitesize</a></p> <p><a href="#">Causes and effects of the Black Death - Medieval medicine - KS3 History - homework help for year 7, 8 and 9. - BBC Bitesize</a></p> <p><a href="#">The Reformation and its impact - The Tudors - KS3 History - homework help for year 7, 8 and 9. - BBC Bitesize</a></p> <p><a href="#">The English Civil Wars - KS3 History - BBC Bitesize</a></p>	<p>Make a 100% page for each booklet</p> <p>Make a timeline of all the events we have studied</p> <p>Make flash cards for key words and other important information</p> <p>Make fact files about key individuals we have studied.</p>
RPE	<p>Key Christian Beliefs and Christian denominations:  The Abrahamic Covenants  Key beliefs in Islam: The Five Pillars  Humanist beliefs</p>	Use your Y7 and Y8 RPE curriculum booklets	<p><a href="#">What is Christianity? - BBC Bitesize</a></p> <p><a href="#">Facts about Christianity – KS3</a></p>	Make a 100% page for each booklet

			<a href="#">Religious Studies – BBC Bitesize</a>  <a href="#">KS3 Religious Education Northern Ireland - Covenant with Abraham - BBC Bitesize</a>  <a href="#">Facts about Islam – KS3 Religious Studies – BBC Bitesize</a>	Make flash cards for key words and other important information
Art and Design	<p><b>Tone</b> Lightest to the darkest gradient value on a tonal ladder Use of medium (pencil and black biro)</p> <p><b>Mark-making</b> Mark-making techniques such as hatching, cross-hatching, scribbling. Use mark-making to shade, provide depth and to create an 3D effect on a sphere.</p> <p><b>Colour theory</b> Primary, Secondary and Tertiary Colours Warm and Cool Colours Harmonious Colours Complimentary and Complementary Colours</p> <p><b>Painting styles</b> Portrait, Landscapes, Still Life, and Abstract Paintings.</p>	Y7 and Y8 Home Learning booklets	<a href="#">Colour - Colour - AQA - GCSE Art and Design Revision - AQA - BBC Bitesize</a>  <a href="#">What is tone? - Tone - AQA - GCSE Art and Design Revision - AQA - BBC Bitesize</a>  <a href="#">Mark making techniques - Drawing techniques - AQA - GCSE Art and Design Revision - AQA - BBC Bitesize</a>  <a href="#">Portrait - Painting styles - AQA - GCSE Art and Design Revision - AQA - BBC Bitesize</a>	Make flashcards for keywords and other important information
Music	<b>Section A – Performance Skills (Keyboard Playing)</b>	Year 8 curriculum booklet	<a href="#">KS3 Music - BBC Bitesize</a>	The music room is available for you to come practice on the keyboard

	<p>You'll be given a new piece of music you haven't seen before  You will have time to practice it before performing  The focus is on playing with good keyboard technique (using correct fingers, reading notes, and keeping steady beats)</p> <p><b>Section B – Music of Other World Cultures</b></p> <p><b>Music from China</b>  Traditional Chinese Instruments (Erhu and Pipa)</p> <p><b>Music of Japan</b>  Japanese Musical Scale  Traditional Japanese Instruments (Koto, Shamisen, and Shakuhachi)</p> <p><b>Blues Music</b>  History of Blues music  Improvisation  Call and Response  12-Bar Blues Sequence</p>		<p><a href="https://www.britannica.com/art/Chinese-music?utm_source">https://www.britannica.com/art/Chinese-music?utm_source</a></p> <p><a href="#">The Top 10 Traditional Chinese Instruments You Might Hear</a></p> <p><a href="https://web-japan.org/kidsweb/virtual/koto/koto01.html?utm_source">https://web-japan.org/kidsweb/virtual/koto/koto01.html?utm_source</a></p>	<p>Make flash cards for key words and other</p>
PE	<p>Rules and regulations of netball, football, touch rugby</p> <p>Roles, duties and the responsibility of a referee</p>		<p><a href="#">Netball - an overview and history of the sport</a>  <a href="#">- Netball - factfile - GCSE Physical Education Revision - AQA - BBC Bitesize</a></p> <p><a href="#">Football scoring, rules and officials - Association football - factfile - GCSE Physical Education Revision - Eduqas - BBC Bitesize</a></p>	<p>Mind maps, cue cards, writing down 4-5 facts about each sport to cover all bases</p>

			<a href="#">Rugby union scoring, rules and officials -</a> <a href="#">Rugby union - factfile -</a> <a href="#">GCSE Physical Education Revision -</a> <a href="#">Edexcel - BBC Bitesize</a>  <a href="#">Officiating and spectating -</a> <a href="#">Technology in sport -</a> <a href="#">WJEC - GCSE Physical Education Revision -</a> <a href="#">WJEC - BBC Bitesize</a>	
Drama	You will be given a written assessment comprising multiple choice questions, gap fills and some slightly longer written questions, based upon key words and concepts that we've covered since September	Elements of Drama booklets 1 and 2		Use look, cover, write check and mind-maps to revise the key words you will be given in your revision resource