



## Year 8 Revision Information – December 2025

Subject	Revision Information	
Mathematics	Year 8 Revision List	
	Probability	P1, P2a, P2b, P3
	Straight Line Graphs	A1a, A1b, A5, A14
	Representation of Data	S2a, S2b, S3, S9
	FDP	N33, N35, N36, N24a, N24b, R9a, R9b
	Sequences	A11a, N12, A22, A11b
	Algebra	A3, A4, A6, A8, A9, A10, A13a, GCSE 131
	Investigating Angles	G13, G17, G18, G19
	English	<p><b>Year 7 Prior Knowledge:</b> Fiction and Non-Fiction writing techniques (DA FORESTER, ASAMOS A P), story structures</p> <p><b>Year 8 Knowledge:</b> Vocabulary, creative writing devices (ASAMOS A P), poetic devices</p> <p><b>Year 8 Narrative Writing:</b> Creating interesting ideas and tone; Using ambitious vocabulary and descriptive methods (e.g. ASAMOS A P); Using effective structural features such as paragraphs, building tension, and sentence types; Writing with a full range of accurate spelling, punctuation and grammar</p> <p><b>Year 8 Analytical Writing (Poetry):</b> Making clear points that link to the question; Selecting and embedding suitable evidence (quotes) to prove your point; Accurately identifying and explaining the writer’s methods (poetic devices); Analysing the effects of the writer’s methods and word choices</p>
Science	<p>The cumulative assessment will cover all topics from Year 7 and those covered in Year 8 so far. Please use the knowledge organisers on the school website, as well as websites including SENECA, BBC Bitesize and ‘Revision Monkey’ on YouTube.</p> <p><b>TOPICS COVERED</b></p> <ul style="list-style-type: none"><li>• Year 7 Biology – Cells, Body systems, Reproduction</li><li>• Year 7 Chemistry – Particles, Elements, Reactions, Acids &amp; Alkalis</li><li>• Year 7 Physics – Forces, Sound, Light, Space</li><li>• Year 8 Biology - Health and lifestyle, Ecosystems</li><li>• Year 8 Chemistry - The Periodic Table, Separation Techniques</li><li>• Working Scientifically</li></ul>	
RE	<p><b>Year 7 Creation and Covenant:</b> Key Vocabulary; Characteristics about God; Genesis 1</p> <p><b>Year 7 Prophecy and Promise:</b> Key Vocabulary; Scripture; Mass</p> <p><b>Year 8 Creation and Covenant:</b> Key Vocabulary; Genesis 3 (The Fall); Conscience; Baptism</p> <p><b>Year 8 Prophecy and Promise:</b> Key Vocabulary; Amos</p> <p><b>Extended Writing:</b> Greatest Commandment (impact and evaluation)</p>	
History	<p><b>Y7 Tudor England:</b> Key vocabulary; The War of the Roses; Henry VIII</p> <p><b>Y7 Life in the Medieval era:</b> The Black Death; The Peasants revolt; Feudal system</p> <p><b>Y8 The English Civil War:</b> King Charles; The New Model Army; Charles’ execution; Life in Cromwell’s England</p> <p><b>Y8 The Slave Trade:</b> African Kingdoms; The capture and transfer (the Middle Passage); Life on Plantations; Harriet Tubman and the underground Railroad; Abolition of Slavery and the wider impact</p>	
Geography	<p><b>Middle East:</b></p> <ul style="list-style-type: none"><li>• <b>Location and climate:</b> Climate Graphs, Describing location</li></ul>	

	<ul style="list-style-type: none"> <li>• <b>Life in the Middle East:</b> Life in Afghanistan for civilians, conflict over water (Helmand River)</li> <li>• <b>Impact of conflict on people:</b> Impacts of the Syrian war, Refugee Crisis</li> <li>• How has the middle east developed? Opportunities of Tourism in Dubai and Challenges of fast development in Qatar.</li> </ul> <p><b>Cold Environments:</b></p> <ul style="list-style-type: none"> <li>• <b>The world's major ecosystems:</b> Tundra, Polar, Rainforest, Savannah, Coral Reefs</li> <li>• <b>Why is there ice on our planet and how does it impact our planet:</b> Altitude , Latitude, Glacier movement and processes and landforms created.</li> <li>• <b>Animal Adaptations:</b> How are Musk Ox, Arctic Foxes adapted to cold environments.</li> <li>• <b>Opportunities and challenges in cold environments:</b> Challenges and Opportunities in Svalbard and How does tourism benefit the alps.</li> </ul> <p><b>Year 7 Recall:</b></p> <ul style="list-style-type: none"> <li>• Skills - TEA analysis, 4 and 6 figure grid references, extended writing</li> <li>• Climate Change and Weather and Climate</li> </ul>
<b>French</b>	<p><b>Year 8 Topic: T'es branché?: life online</b></p> <ul style="list-style-type: none"> <li>• Talking about what we watch on television</li> <li>• Talking about films using negative and positive opinions</li> <li>• Using adjectival agreement</li> <li>• Talking about what we read</li> <li>• Using definite and indefinite articles correctly (le, la, les vs un, une,des)</li> <li>• Talk about what we do online</li> <li>• The weather</li> <li>• Using the pronoun 'on' to talk about activities with others</li> </ul> <p><b>Year 7 Recall:</b></p> <ul style="list-style-type: none"> <li>• Opinion phrases</li> <li>• Connectives</li> <li>• A range of adjectives</li> <li>• Time phrases</li> </ul>
<b>Spanish</b>	<p><b>Year 8 Topic: A comer: what we eat</b></p> <ul style="list-style-type: none"> <li>• Talking about our food preferences and giving detail</li> <li>• Describing meal times</li> <li>• Using negative structures</li> <li>• Ordering meals in a restaurant</li> <li>• Using the near future tense</li> <li>• Discussing plans for a party</li> <li>• Using the past tense</li> <li>• Talking about a party you have been to</li> </ul> <p><b>Year 7 Recall:</b></p> <ul style="list-style-type: none"> <li>• Opinion phrases</li> <li>• Connectives</li> <li>• A range of adjectives</li> <li>• Time phrases</li> </ul>
<b>ICT</b>	<p><b>Year 7 Topics</b></p> <p><b>Computer systems:</b> E-Safety, Online risks</p> <p><b>Programming essentials:</b> Key terms recall, Identify simple lines of code</p> <p><b>Computational thinking:</b> Binary to Denary, Denary to Binary, Logic Gates</p>

	<p><b>Computer graphics:</b> Bitmap and Vector</p> <p><b>Gaining support for a cause:</b> Fake news, Cross-checking information</p> <p><b>Year 8 Topics</b></p> <p><b>Computer Systems:</b> Hardware &amp; software, Input &amp; output devices, Operating Systems</p> <p><b>Data Modelling:</b> Formulas and Functions</p>
<b>Music</b>	<p><b>Elements of Music:</b> Instruments recognition, Tempo, Dynamics, Articulation and Melody</p> <p><b>Blues Music:</b> The background of Blues Music, Key features of the Blues including Harmony, Melody, Tempo, Dynamics and Instrumentation. Knowledge Organisers will be on the Teams class</p>
<b>Art</b>	<p>Revise - Autumn Knowledge Organiser and the Formal Elements in Art.</p> <p>Practice drawing and tonal skills, in preparation for you observational drawing task of a bug</p>
<b>PE</b>	<p><b>Circulatory System</b></p> <p><b>1. Structure of the Heart:</b> Atria and ventricles; Septum; Pathway of blood through the heart</p> <p><b>2. Blood Vessels: Arteries</b> – structure and function; <b>Veins</b> – structure and function; <b>Capillaries</b> – structure and function</p> <p><b>3. Components of Blood:</b> Red blood cells; White blood cells; Platelets; Plasma</p> <p><b>4. Double Circulatory System:</b> Pulmonary circulation (heart → lungs → heart); Systemic circulation (heart → body → heart)</p> <p><b>5. Heart Rate, Stroke Volume and Cardiac Output:</b> Definitions; How to calculate cardiac output (<math>HR \times SV</math>); Responses to exercise (immediate, short-term, long-term)</p> <p><b>6. Effects of Exercise on the Circulatory System:</b> Short-term effects: increased heart rate, stroke volume, vasodilation: Long-term effects: cardiac hypertrophy, lower resting heart rate, increased capillarisation</p>