

Year 8 – Assessment point 1 – Revision overview

English	<p>Assessment point focus: English language paper 1 section A</p>	Assessment point revision	<ul style="list-style-type: none"> • Assessment will explore the use of language and structure (RAF2 and 3) in an extract and ask students to evaluate (RAF4) the impact of writer’s craft.
Math	<p>Assessment point focus:</p> <ul style="list-style-type: none"> • Ratio & Scale • Multiplicative Change • Multiplying and dividing fractions 	Assessment point revision	<ul style="list-style-type: none"> • Students should use their exercise books to revise key points for each unit and complete exercises. • On MathsWatch watch the following videos and attempt practice questions: <ul style="list-style-type: none"> ○ Clip 4 ○ Clip 38 ○ Clip 106 ○ Clip 107 ○ Clip 42

<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Science</p>	<p>Assessment point focus: Year 8 to date and year 7 recap of knowledge.</p>	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Assessment point revision</p>	<p><u>Biology</u></p> <ul style="list-style-type: none"> • Plants making carbohydrates in their leaves by photosynthesis and gaining mineral nutrients and water from the soil via their roots. • The dependence of almost all life on Earth on the ability of photosynthetic organisms, such as plants and algae, to use sunlight in photosynthesis to build organic molecules that are an essential energy store and to maintain levels of oxygen and carbon dioxide in the atmosphere • The role of leaf stomata in gas exchange in plants • The adaptations of leaves for photosynthesis • The reactants in, and products of, photosynthesis, and a word summary for photosynthesis • The structure and functions of the gas exchange system in humans, including adaptations to function • The mechanism of breathing to move air in and out of the lungs, using a pressure model to explain the movement of gases, including simple measurements of lung volume • The impact of exercise, asthma and smoking on the human gas exchange system • aerobic and anaerobic respiration in living organisms, including the breakdown of organic molecules to enable all the other chemical processes necessary for life • a word summary for aerobic respiration • the process of anaerobic respiration in humans and micro-organisms, including fermentation, and a word summary for anaerobic respiration • the differences between aerobic and anaerobic respiration in terms of the reactants, the products formed and the implications for the organism. <p><u>Chemistry</u></p> <ul style="list-style-type: none"> • The composition of the Earth • The structure of the Earth • The rock cycle and the formation of igneous, sedimentary and metamorphic rocks • The composition of the atmosphere • The production of carbon dioxide by human activity and the impact on climate <p><u>Year 7 Revision</u></p> <ul style="list-style-type: none"> • the functions of the cell wall, cell membrane, cytoplasm, nucleus, vacuole, mitochondria and chloroplasts • the similarities and differences between plant and animal cells
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">History</p>	<p>Assessment point focus: Describe two features..... Explain the importance of..... How far do you agree.....</p>	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Assessment point revision</p>	<ul style="list-style-type: none"> • Features of the British Empire • What is an Empire? • Why was there an Empire? • What are the advantages and disadvantages of the British Empire

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Geography	<p>Assessment point focus: - Pupils will complete a test on 'Influencing the Environment'.</p>	Assessment point revision	<ul style="list-style-type: none"> - Pollution: four main types of pollution, effects of pollution Acid Rain: Definition of Acid Rain, causes of Acid Rain, effects of Acid Rain and solutions to reduce Acid Rain Global Warming: Definition of global warming, Greenhouse effect, causes of global warming, effects of global warming, solutions to reduce global warming Farming and soil erosion: Definition of soil erosion, causes of soil erosion from farming, methods to reduce soil erosion Desertification: Definition of desertification, causes of desertification, solutions for desertification National Parks: What are National Parks? How do the National Park Authorities protect the National Parks? Conflicts in National Parks, solutions to minimise conflicts in National Parks
MFL	<p>Assessment Point 1 Focus: Students will complete a test in the skill of <u>Reading</u>. Content will be based on the work covered throughout Y7 and the work from this year so far.</p> <p><u>Reading:</u></p> <ol style="list-style-type: none"> Students will have to read and answer multiple choice style questions about an image, such as true/false. Students will have to read about familiar topics such as name/age/likes/pets/where they live etc. and answer questions in short sentences or words about what they read. 	Assessment point revision	<ul style="list-style-type: none"> All Y7 work covered such as name/age/likes/pets/where they live/family etc. as well as the work based on describing an image from current lessons.
Computing	<p>Assessment point focus: Data representation</p>	Assessment point revision	<ul style="list-style-type: none"> Convert a binary number to denary (decimal) Convert a denary number to binary Understand how text is represented in binary Understand how images are stored in binary Binary Addition Hexadecimal
Music	<p>Assessment point focus: The Blues</p>	Assessment point revision	<ul style="list-style-type: none"> Students will reflect weekly on progress made in lessons using the progress card and an assessment will be to produce a Blues song composition (done over several lessons) on a chosen theme.
Art	<p>Assessment point focus: Pupils will be assessed on their war pennant. A01, A02 and A03.</p>	Assessment point revision	<ul style="list-style-type: none"> Pupil's class work will be assessed.

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Ethics	<p>Assessment point focus: Comparing and contrasting different ideas about the origins of the universe. Comparing and contrasting evidence for and against the existence of miracles.</p>	Assessment point revision	<ul style="list-style-type: none"> • Paley’s watchmaker theory • The Big Bang and Evolution. • Chilean Miners. • Theism, agnosticism and atheism.
Design Technology	<p>Assessment point focus: Understanding the requirements of a design brief. Responding to a brief Developing design ideas.</p>	Assessment point revision	<ul style="list-style-type: none"> • Analysing and interpreting a design brief <ul style="list-style-type: none"> ○ -Identifying client needs ○ -Creating effective design ideas • Pupils may want to look at Illustration, advertising, branding, packaging, typography, digital design.
PE	<p>Assessment point focus: Health Related Fitness Interval Training CV Fitness Tests Sports Hall Athletics</p>	Assessment point revision	<ul style="list-style-type: none"> • Health Related Fitness • Interval Training • CV Fitness Tests • Sports Hall Athletics
Drama	<p>Assessment point focus: Students in year 8 are studying Script Writing</p>	Assessment point revision	<ul style="list-style-type: none"> • Ongoing assessments are taking place during lesson time, therefore there is no revision for students to undertake.