

Year 9 revision topics for summer 2021

	Topics	Revision ideas
English	<p><u>Finding Your Voice</u> You will complete one reading and one writing assessment for this unit. The reading assessment will ask you to explore an unseen extract and to apply some of the skills and ideas you've learned in previous weeks – looking at structure, narrative style and conventions. The writing assessment will be a creative piece that is linked to the ideas in the reading assessment.</p>	<ul style="list-style-type: none"> ✓ Revise and practise structuring a WHAT HOW WHY paragraph. ✓ Secure your understanding of 'exploding' quotations. ✓ https://www.bbc.co.uk/bitesize/guides/ztdmtyc/revision/4 https://www.bbc.co.uk/bitesize/guides/ztxbr82/revision/1 Use BBC Bitesize to revise narrative style and structure (links above) – make notes on the key information. ✓ Practise creative writing using prompts to inspire you, such as images, title, first sentences (you can find lots of these online by searching 'creative writing prompts'). Also, revise language devices/writer's methods: the link below might be useful for this: https://www.bbc.co.uk/bitesize/guides/zx7cmnb/revision/1
Maths	<p>You will be sitting 2 papers from an exam series, one non-calculator and one calculator paper. (These will be tailored to ensure you will only be assessed on the content covered so far over the past three years).</p> <p>Topics include:</p> <ul style="list-style-type: none"> • Place value and the four operations. • Powers and roots • Perimeter and area of shapes including compound shapes. • Area and circumference of circles • Ratio and proportion • Angle facts • Volume • Algebra, including: simplifying expressions, substitution, expanding brackets and factorising expressions. • Solving Equations and inequalities • Sequences and Nth terms • Representing data • Coordinates and graphs • Calculations with fractions • Compound measures such as speed. <p>Percentages</p>	<p>If you are unsure of ways to revise, please speak to your class teacher. However, some useful strategies are:</p> <ul style="list-style-type: none"> ✓ Attend revision at lunch or after school. ✓ Use of maths book (e.g. create mind maps from your notes). ✓ Create revision cards and test yourself ✓ Use Corbettmaths where there are videos and practice questions <p>Review homework tasks to refresh your memory on prior learning.</p>
Humanities	<p>Geography Megacities Sustainability</p>	<ul style="list-style-type: none"> ✓ Knowledge organisers ✓ Class book ✓ BBC Bitesize

	<p>Opportunities and challenges in NEE and HIC cities Strategies linked to traffic congestion Push and pull factors Urban regeneration</p> <p>History Islamic medicine Hippocrates and Galen and why they were significant. Nazi persecution of the Jews between 1933-45.</p>	<ul style="list-style-type: none"> ✓ Oak National Academy ✓ Revision materials provided by teachers ✓ Knowledge organisers ✓ Class book ✓ BBC Bitesize ✓ GCSE POD
Art	<p>Students will be completing a copy from one of Alex Williamson's art pieces. They will be using mixed media and will need to use their observational skills and drawing skills effectively to ensure an accurate copy. Students will be completing this task across 2 lessons.</p>	<ul style="list-style-type: none"> ✓ Write down the key features of Alex Williamson's artwork. ✓ Copy small sections of the artist's work to observe the materials and techniques he might use. ✓ Practice drawing in biro pen. ✓ Practice blending and shading using pencil crayons ✓ Consider how to layer materials and use mixed media successfully. <p>Useful websites: https://alexwilliamson.co.uk/ https://www.debutart.com/artist/alex-williamson</p>
Computing	<p>User Interfaces. They will be designing...</p> <p><i>"You have been asked to design a 'touch screen information system at Neoteric Stadium'. The system will be located in busy areas of the stadium in order to take the pressure from the main enquiry desk. The public will be able to obtain information about the stadium's facilities, including refreshments and public conveniences. The user interface should have:</i></p> <ul style="list-style-type: none"> • <i>a 'dashboard' (the first screen the user sees)</i> • <i>information about the stadium's facilities</i> • <i>where to buy refreshments</i> • <i>location of public conveniences</i> • <i>a series of annotated maps of the Neoteric Stadium. "</i> <p>They will need to be able to:</p> <ul style="list-style-type: none"> • define a user interface 	<p>Use of knowledge organiser Lesson notes on how to create a User Interface</p> <p>BTEC Digital Information Technology Text book: Page 22, 81</p>

	<ul style="list-style-type: none"> demonstrate how user interfaces can be adapted to meet the user needs and purpose. <p>Students will be able to complete the task in lesson using computers</p>	
Y9 D&T	<p>You will be having an assessment related to the GRAPHICS module that you did earlier in the school year. You will be asked various facts about the different techniques. You will also be asked to demonstrate various graphic techniques.</p>	<p>The graphical knowledge/skills/techniques you should revise are:</p> <ul style="list-style-type: none"> - Thick & Thin line Technique - The 'Scribble and shade', and 'surrounding' techniques. - The difference between the 3d drawing techniques of Oblique, Isometric and perspective. - How to draw in Isometric <p>How to draw in one- and two-point perspective.</p>

Science and French assessments took place earlier in the year and so will not form part of this assessment period.