

Faculty Revision Topics for Year 9 - 2017 Summative Examinations

<p>Design, Technology & Innovation</p> <ul style="list-style-type: none"> - Q1 Work of a well-known designer or chef based on your research - Q2 Design Process - Q3 Design Question - Q4 Properties of materials - Q5 Manufacturing processes - Q6 Systems and control - Q7 Mechanical systems - Q8 Classification of metals - Q9 Food question - Q10 Smart and modern Materials <p>Art</p> <ul style="list-style-type: none"> - You will have already begun a GCSE style project in which you are carrying out artist's research and experiments. You will then create a final piece over the course of terms 4 and 5. 	<p>English</p> <ul style="list-style-type: none"> - Year 9 students will need to revise the Power and Conflict poems they have studied in their GCSE Poetry Anthology.
<p>Computer Science</p> <ul style="list-style-type: none"> - Hardware (input, output, storage) - Software (operating systems, applications, utility/system) - Trends in computing - Binary and logic - Flowcharts - Programming techniques (sequences, variables, iteration, selection) 	
<p>Science</p> <p>All KS3 strands from y7 – 9 are assessed in the y9 Summer Summs.</p> <p>In addition to strands studied in y7-8, there are the following Y9 strands:</p> <ul style="list-style-type: none"> - Respiration - Extinction and Evolution - Rocks - Using energy - Advanced Forces (Pressure and moments) 	<p>French</p> <ul style="list-style-type: none"> - You will be asked to write in paragraphs to give information about yourself, covering anything that you have learned in Years 7, 8 and 9; revise vocabulary and phrases from all topics you have covered; see also your pink or green booklet - You will also have a short 1:1 speaking assessment with your teacher, where you will be asked to describe a picture and answer further questions about you, your likes/dislikes and opinions - You will also have short comprehension and translation tasks to complete; your teacher will provide a vocabulary list and further guidance prior to the exam
<p>Humanities</p> <p>History</p> <ul style="list-style-type: none"> - World War I - World War II <p>Geography</p> <ul style="list-style-type: none"> - Why are some people more at risk from hazards than others? - Does conflict affect Geography (or is it the other way around)? - How sustainable is the changing population of Asia? <p>RE</p> <ul style="list-style-type: none"> - Christianity - Beliefs and teachings - The nature of God, Creation, worship 	<p>Music</p> <ul style="list-style-type: none"> - A listening test which will cover the topics and vocabulary we have learned this year: - Music for video games - Japanese music - 21st Century popular music

Mathematics

Numbers and algebra

- Number patterns and sequences
- Percentages, fractions and decimals
- Equations and formulae
- Four rules of number
- Units and measures
- Coordinates and graphs

Handling data

- Calculations using the three averages
- Statistical diagrams
- Probability
- Scatter graphs

Shape, space and measures

- 2D and 3D shapes
- Perimeter, area and volume
- Angles
- Transformations
- Calculations involving 2D shapes

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