

Year 8 Revision topics - Assessment week w/c 6th June 2017

Subject	Topics	Revision ideas
<p>Maths</p>	<p>You will be assessed on the topics you have studied in unit 1-4:</p> <ul style="list-style-type: none"> • Place value and the four operations • Perimeter and area of shapes including compound shapes • Circumference/area of circles and parts of circles • Probability of single events and combined events • Metric and imperial unit conversion • Speed, distance and time • Algebra, including: simplifying expressions, substitution, expanding brackets and factorising expressions • Coordinates • Sequences • Integers, powers and roots • Solving equation. • Angles • Fractions, decimals and percentages • Surface area and volume • Ratio and Proportion • Transformations • Formulae <p>For more details, please refer to the unit 1-5 stickers in your exercise book or speak to your class teacher.</p>	<p>The best way to revise for maths is to do maths!!!</p> <ul style="list-style-type: none"> • Past exam questions • Bitesize • After school sessions , Tuesday lunchtime or Thursday after school • Revision guides available from the Finance Office • Homework tasks set by the teachers which can be accessed from the school website. <p>Specific revision tasks to complete:</p> <p>Students will be asked to watch videos using www.corbettmaths.com and make key notes including worked examples. They will also complete at least 2 questions independently, on that topic.</p>
<p>English</p>	<p>Students will sit two assessments: one reading assessment based on interpreting and inferring meaning from two texts and one persuasive writing assessment. The Reading exam will be 1 hour with 15 minutes of that time being used to read two sources. The writing exam will be 45 minutes with 5 minutes of that time being used to plan the response.</p> <p>The reading skills test focuses on a student's ability to:</p> <ul style="list-style-type: none"> • Select and retrieve information 	<ul style="list-style-type: none"> ○ KS3 revision guide from school ○ Study period reading packs ○ Specific revision aids from class teachers ○ KS3 Bitesize revision - select links for Reading and Writing

	<ul style="list-style-type: none"> • Infer and deduce meanings • Recognise effect of structure and layout on meaning • Elicit a writer's intention • Recognise effects on the reader • Compare perspectives in two texts <p>The writing skills test focuses on a student's ability to:</p> <ul style="list-style-type: none"> • Structure an argument • Use punctuation, paragraphing and structure for effect • Use a variety of sentence types and language techniques • Write to suit purpose and audience • Extend vocabulary for effect • Present interesting, imaginative and engaging ideas 	<ul style="list-style-type: none"> ○ Homework tasks set on the school website ○ Reading and interpreting a range of unseen texts 	
Science	8.1 Ecology and Environment Sampling techniques Interdependence Factors that affect organisms and their environment	8.2 Atomic Structure Elements and Compounds Atomic structure of the elements Representing chemical reactions	8.3 Heat and Energy Kinetic Theory Thermal, kinetic and internal energy Conduction, Convection and Radiation Forms of energy Efficiency Power (Power = Energy transferred/Time taken)
	8.4 The Human Body Skeletal and Muscular system Nutrition and Digestion (including unbalanced diets) Gas exchange system Cellular respiration Effects of smoking and recreational drugs	8.5 Periodicity and Chemical Reactions Reactions of acids and metals Reactions of acids and carbonates Combustion Reactivity series Alkali metals	8.6a Electricity and Magnetism Static Electricity Current Potential Difference Resistance ($V=IR$) Magnetism and Electromagnetism
	8.6b Motion Speed and velocity (Speed = Distance/Time) Interpret motion graphs Acceleration	8.6c Pressure and Moments Gas pressure Liquid Pressure Pressure on Solids (Force = Pressure/Area) Moments (Moment = Force x Distance)	8.6d Light and Sound Observing Waves Sound Reflection, Refraction and Dispersion

	Skills Sections A and B / Planning an investigation / Identifying variables / Interpreting data in a table and on a graph / Drawing graphs	
Humanities	<p>History: WW2 The Blitz The Battle of Britain Dunkirk The Evacuation</p> <p>Geography Fragile environments Animal adaptations in Antarctica Reasons for tourism in Antarctica Impacts of tourism in Antarctica Management of tourism in Antarctica Other uses of Antarctica</p> <p>RE Judaism Types of worship Festivals Beliefs Synagogue</p>	<p>Revision booklets</p> <p>Further revision/homework tasks will be set by class teachers.</p>
Design & Technology	<p>Students will remember that in the January assessment, they evaluated a number of different trophy designs. In this assessment, they will be looking at trophies once again but will be focussing on their designing skills. In order to prepare for this, students should use the Internet to research the types of trophies available for school or small scale club sporting events and by doing so, should develop a greater understanding of the designs/features of these products.</p>	<ul style="list-style-type: none"> • Visit websites such as www.challengetrophies.co.uk and www.trophystore.co.uk • Look at the different designs of trophies available for sale. Find out what sorts of features and designs these products have.

<p>French</p>	<p>Students will be tested on all 4 skills: listening, speaking, reading and writing. The topics and grammar points to be tested are as follows:- 8M1: You will need to know all of the vocab and grammar structures that we have covered in 'T'es branché':</p> <ul style="list-style-type: none"> ✓ Television (including different types of programmes) ✓ Films (including different types of films and why you like / don't like them) ✓ Reading (including different genres and how often you read / don't read) ✓ Internet use (including all the different things you do on the Internet and how often you use it) <p>You will also need to know: opinion phrases, reasons, connectives, time phrases, negatives and verbs in the present / future / past tense</p> <p>8M2, 8M3, 8M4 and 8M5:</p> <ul style="list-style-type: none"> ✓ Things they did on holiday (past tense) ✓ What they thought about it (opinions and reasons) ✓ Visiting tourist destinations (incl. opening times and prices) ✓ Modes of transport 	<ul style="list-style-type: none"> ✚ Your HW vocabulary book contains all of the words that you need to know. Revise these words in your usual way or try some different strategies from 'vocab dog'. ✚ Ask family or friends to test you or test yourself by making flashcards. ✚ Your class book will contain notes on the different grammar aspects. Make your own notes explaining the rules to show that you fully understand them.
<p>Art</p>	<ul style="list-style-type: none"> • Students will have a practical assessment based on their current topic: Portraiture. • Students will complete the work under assessment conditions in their normal art lesson, so will have 50 minutes to complete the task. • They will be producing an artist copy of a Fauvist Portrait using oil pastels. 	<ul style="list-style-type: none"> • Students need to look at Fauvist portraiture and identify key characteristics. • Students should look at Henri Matisse's Portrait of Madame Matisse and make notes on what they can see and how they would describe the work. • Students should practise using oil pastels effectively in preparation. Key skills will involve layering of colours and visible marks. Blending and creating tone.

Drama	Students will be assessed on their Melodrama piece of, "A Murder Mystery". They will need to ensure that they are performing in a melodramatic style. They will also need to incorporate the techniques of: character asides, the use of the narrator and placards.	Research stock characters and how to incorporate these into their performance. Research the style of Melodrama and how to incorporate the key techniques of Melodrama into their performances.
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