



DMBS KEY STAGE 3 CURRICULUM OUTLINE
Year 8 Curriculum

Subjects	Term 1	Term 2	Term 3
English	<p>Reading for meaning including versatile reading, bias and objectivity, implied and explicit meanings. Independent reading. Learning to evaluate their own speaking and listening skills. Including formal presentations. Students will also be taught the importance of listening for a specific purpose. The focus for writing this term is on planning, drafting and presentation. Handwriting at speed is important as is effective planning and writing to reflect. Spelling and spelling strategies will be studied including their use of key terms, paragraphing and cohesion.</p>	<p>In reading students will focus on understanding the author's craft-developing key ideas and comparisons. Student will study texts independently and in class. They will learn to interpret text, various literary conventions and historical and cultural contexts of the texts studied. Group discussions and interaction is the focus in the Speaking and Listening section of the course. Including evaluation of students' own contribution to and the varied roles in discussions both formal and informal. Using and exploring their imagination to entertain an audience will be the focus for writing, including explaining complex ideas and formal description. Word and Sentence level will include vocabulary development including specialist and figurative vocabulary. Standard English and language variation.</p>	<p>Independent reading is again an important part of the term. The focus will shift to research and study skills in particular combining information, independent research and note making formats. Speaking and listening will be mainly focused on Drama this term. This will include evaluation of their own drama skills, in role work and dramatic techniques which will lead to a collaborative work. Critical reviewing is an important part of writing this term. Students will learn to analyse, review and comment on work. They will also learn to persuade, argue and advise. Writing and Sentence Level will focus on the conventions of non-fiction. Adapting text to types including informal to formal language.</p>
Maths	<p>Mathematical Diagrams-extension to critical path analysis. Factors. Pythagoras' Theorem. Rounding and Estimating. Data Analysis- mode, median, mean, range for discrete ungrouped frequency. Nets and Surface Area Ratio and Proportion (extension to inverse proportion) Algebra: Brackets (extension to two brackets) At the end of each section</p>	<p>Arithmetic: Fractions and Percentages (extension to reverse problems) Probability- Two Events-multiplication law, tree diagrams (extension to conditional probability). Angles, Bearings and maps- scale drawings. Formulae- including change of subject Money and Time. Straight Line Graphs- linear extrapolation, correlation. At the end of each section there will be diagnostic testing and recap.</p>	<p>Polygons- classification of quadrilaterals. Circles and Cylinders. Units of Measure- metric and imperial units. Speed, Distance and Time-distance/time and speed/time graphs. Similarity Questionnaires and Analysis. At the end of each section there will be diagnostic testing and recap.</p>

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Science	Organ Systems / Micro-organisms	Magnets & Electricity / Magnets	Heating & Cooling / Light & Sound Environmental Issues
Geography	Coastal Processes	Urban Geography	The World Environment Issues affecting us all including: Greenhouse Gases Global Warming
History	Henry VIII & the Causes of Civil War	China and Trade in the Age of Discovery	Industrial Age
Art	Cubism and Colour	Surrealist Paintings	Still Life
DT	Bridges/ Buildings	Food Around the World Healthy Eating Diets for Specific Needs	Textiles- Smart Fabrics Personal/ Public Places
PE	Fitness and Movement Rounders	Athletics	Cricket Floor Hockey
ICT	Databases-creating and using/ Work on Publisher-newspaper articles.....	Creating and using Databases for analysis/ Data - use and misuse	Databases- analysis, questionnaires- conducting surveys.



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