

Daubeney Academy
Curriculum Overview
Year 9 Spring Term 1 2017/2018



Year 9 Spring Term 1	What are we learning?	What KUS will we gain?	What will excellence look like?
English	<u>Of Mice and Men</u>	<p>GCSE Literature Paper 1 Skills: Deconstructing the novel; discussing its form, structure and language; focusing on the characters and themes relationships and analysis; studying the historical/social context in which the novel was written; responding to exam type questions in terms of an extract (from the novel) and the novel as a whole; essay and argument writing skills; writing in a style of an author.</p>	<p>Reading Comprehension: At the top of the level, a student's response to the exam type question should be a critical, exploratory, well-structured argument; conceptualised approach to the full task should be supported by a range of judicious (well chosen) textual references (quotations); there will be a fine-grained and insightful analysis of writer's methods – language, form and structure - supported by judicious use of subject terminology and their effects on the reader; understanding the relationships between texts and the contexts in which they were written; using a range of vocabulary and sentence structures for clarity, purpose and effect, with accurate spelling and punctuation is also one of the criteria for a successful response.</p> <p>Writing: Demonstrating the understanding of writer's craft by making a sustained and convincing attempt at continuing in the tone of the original author; adopting similar style, word choice, sentence fluency and structural devices in constructing an alternative ending to the novel; creating an accurate and convincing impression of the characters, setting/scene, atmosphere, and events.</p>
Maths	Non-linear graphs; multiplicative reasoning; geometry in 2D and 3D; algebraic and real-life graphs; constructions equations, inequalities and proportionality	Showing application in real life context; developing fluency; applying formulae; mathematical reasoning; problem solving	Giving a relationship graphically or in words, extending beyond known values; checking by drawing graphs whether two variables are in direct proportion; understanding direct proportion; using algebraic methods to solve problems involving variables in direct proportion;

			<p>using expressions of forms; identifying data that is proportional to the inverse of a variable; recognising the formulae and solving problems for length of arcs in a circle and area of sectors in a circle; constructing a table of values, including negative values of x for a quadratic function; recognising the graph of a quadratic function; finding the line of symmetry and writing down the turning point of a quadratic graph; explaining the effect on a quadratic graph of changing the parameter; solving simple quadratic equations graphically; solving quadratic equations and relating the solutions to quadratic factorisation; recognising graphs of functions; identifying maxima, minima and lines of symmetry on quadratic and cubic graphs; constructing models of real-life situations by drawing graphs and constructing algebraic equations; sketching/interpreting graphs of reciprocal functions; recognising and using reciprocal graphs and graphs for inverse proportion.</p>
Science	<p><u>Radiation and Life</u> Planning investigations with good detail (variables, technique and safety), results (repeated for reliability), and conclusions</p>	<p>Structure of the Electromagnetic Spectrum, uses and dangers of each type of radiation; the idea and concept of benefit and risk in a variety of situations; causes and effects of global warming; waves and communication; digital and analogue signals</p>	<p>Understanding application of EM radiation and its uses linked to the risk of radiation dose; understanding that some radiation is required but the dose must be worth the risk, and using a risk benefit analysis for different situations; understanding how technology is advancing to use different types of waves to carry information.</p>
Geography	<p><u>Restless Earth</u> The structure of the Earth and where volcanoes and earthquakes occur – with a focus on the following natural disasters: Haiti, the Boxing Day tsunamis and Monserrat.</p>	<p>Deepen existing knowledge of the Earth's structure; develop an understanding of the human aspects of a physical geographical event; consider the developmental and economic impact of</p>	<p>Showing an appreciation of the resulting geographical patterns and the geographical characteristics of particular places and environments, and their interdependence; recognising the patterns made by physical and human features and using a range of cartographical skills to interpret and analyse the trends.</p>

		natural disasters on Low Income Countries.	
History	<u>The 20th Century: WWI</u> Rise of the Nazi Party.	An overview of the key events of the early 1900s, which shaped Britain for the rest of the century. Students will learn to evaluate the short and long-term significance of events by analysing a range of sources and historical evidence.	Forming a developed judgement of the factors influencing key events and turning points; evaluating the reliability and prioritising the importance of a range of sources and historical evidence.
Religious Studies	Basic teachings of <u>Buddhism</u> and how these influence lifestyle	Explanation of own opinions and comparison with other people; understanding why people choose religious beliefs and how it helps them to lead fulfilled lives	Using PEE skills; referring to religious teachings and explaining how these influence the way people live; questioning how challenging it can be to belong to a religion; comparing others' beliefs to our own.
MFL	<u>Free-time activities;</u> weather; grammar focus	Understanding verb formations; developing reading, writing, speaking and listening skills.	Being able to use more than one tense and being able to produce more developed paragraphs with time phrases; being able to conjugate verbs, both regular and irregular verbs.
Music	<u>Musical Fusions</u>	Composing using music technology; learning how aurally transcribe music; mixing music of different cultures together.	Replicating music from other cultures with accuracy and authenticity; blending music from different cultures together with accuracy and authenticity; securing control of MIDI when using music technology; accurately transcribing music.
Art	<u>Surrealism</u>	Understanding the use of juxtaposition; developing an awareness of the surrealist art of Dali, Magritte and Oppenheim.	Using vanishing points effectively; creating original pieces; understanding what surreal means and how the movement began
PSHE	Drugs Awareness	Developing a better sense of awareness of how to take care of ourselves by looking critically at levels of risk when thinking about drugs and pressure factors around	Making intelligent and articulate arguments sensitively and appropriately.

		decision-making, especially peer pressure.	
PE	Health and Fitness; Orienteering	Running/working out for extended periods of time at high intensity; understanding muscle groups and the value of each role within a team; orienteering skills; analysing performance and implementing improvements	Taking leading roles in team situations; adapting tactics/strategies throughout according to a changing situation; planning a basic circuit in relation to a specific event/sport.
DEC!	Introduction to the DEC! Course	Developing problem-solving skills; researching sustainability and how these issues relate to community issues of the building environment locally, nationally and globally.	Taking ownership of their learning in and outside of the classroom; developing their own ideas and hypothesising with increasing confidence.
Food Technology	Nutrition	Developing food preparation skills; learning about different diets; investigating different methods of making sauces; learning how to decorate cakes using a range of techniques.	Explaining where proteins come from and the need to ensure vegetarians have a diet with all the essential amino acids; explaining the impact of too much sugar in our diets; explaining the scientific changes which take place when preparing and cooking food and how this impacts on the finished product; completing practical dishes with confidence and competence.
Resistant Materials	Using manufacturing aids, such as injection moulding and pewter casting	Using industrial processes; selecting appropriate materials; cutting & shaping by hand; shaping & finishing of metal	Using appropriate research to help inform design decisions, including proper use of colouring/shading techniques along with well written reasons/reasoning for design decisions; using successful application of techniques such as measuring & marking, filing & shaping, machining, plastic forming, metal casting and polishing metal to a mirror finish.