

Spring 1 Subject Information

Year 8

English	<p>Students will study 'The Woman in Black' by Susan Hill in the Spring Term. Please note that they will need their own copy of the text to support their study and this will need to be purchased for them. If your son/daughter receives Pupil Premium, they will have a copy provided for them.</p> <p>Through their study of 'The Woman in Black' students will learn about the conventions of Gothic Literature and develop their own creative writing skills in response through a portfolio of written pieces.</p> <p>You can support us at home by asking your child about the plot/characters and themes of the novel and reading alongside them at home. Thank you!</p>
Maths	<p>This half term focuses on strengthening algebra and geometry skills. We begin with Algebraic Manipulation, covering substitution, expanding brackets, and factorising linear expressions. Students will apply this by solving equations (including forming and solving them) and rearranging formulae. We will then study Inequalities and techniques for solving inequalities, concluding the algebra block with Sequences and the nth term. The final part of the term focuses on measurement, including conversion between length units (and area/volume units), calculating the area and perimeter of 2D shapes (including composite shapes), and mastering the circumference and area of circles.</p>
Science	<p>Students will be completing the following units:</p> <ul style="list-style-type: none"> - Waves 2 - Forces 2 - Earth 2 <p>In addition, some classes will complete the Reading in science module looking at Human 2.0.</p>
Education for Life	<p>Setting Goals: This topic is to develop thoughts towards next year and making sure that Pathways choices selected are the best suited to every individual. Topics include thinking about exploring careers, making decisions about Key Stage 4 and thinking about the various subjects that are on offer.</p>
Art	<p>During this term students experience a range of creative and exciting lessons whereby they are introduced to GCSE style tasks, skills and artists - this, alongside their pathways lesson, helps students to make informed decisions about their GCSE choices.</p>
Dance	<p>The Car Man - Students will be analysing the Mechanic section of The Car Man and developing their choreographic skills using a range of dance actions and devices to create this. In addition students will be developing their performance skills by learning key repertoire inspired from the piece.</p>
Design Technology	<p>Timbers - Students are designing and making a wooden mechanical pull along toy.</p> <p>Textiles - Students are designing and making a plush toy.</p> <p>Mixed materials - Students will be designing and making a mood lamp.</p>

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Drama	Students will be completing their Dan Nolan assessments. Missing Dan Nolan is a play written by Hampshire playwright Mark Wheeler. Students have explored this verbatim play and used a range of drama strategies to bring moments of it to life. Once students have completed the assessments they will begin to look at the play Teechers by John Godber.
Food and Nutrition	Students will be learning about different sources of energy. Practical lessons will focus on using carbohydrates such as rice and noodles.
Geography	Students begin their scheme of work on 'Conflict'- a bespoke unit of work which has been designed to make students aware of wider world issues. Students explore what conflict is, and why countries may experience conflict before we explore piracy in Somalia.
Geography	Year 8 will begin 'Commotion in the Ocean'. This scheme of work explores the ocean in detail, looking at why oceans are important, what the biggest threats are to the marine environment, where we explore plastic pollution and coral bleaching in more detail. This is all about our impact on the planet and raising awareness.
History	Students will continue their learning of the causes of WW1. They will then learn about the stories of soldiers from around the world and life in the trenches.
IT	Students will be learning about augmented reality. They will plan, design and create their own AR prototype app.
MFL (French, German or Spanish)	Students will start the term learning to talk about aches and pains and giving advice when unwell. They will then move on to talk about fashion. They will develop their use of the past and future tenses.
Music	In the traditional music room students will compose and perform a song. There is a strong focus on developing composition techniques and ensemble performance. In the DMS students will learn how to use LogicPro to write music for a film scene. There is a strong focus on developing composition techniques such as creating tension and suspense through use of the musical elements. Students will also develop listening skills and use of musical language to describe music used in film scenes.
RE	Students will be learning about Hinduism: Brahman, Samsara and Karma including learning about Holi.
PE	Students continue to study a range of activities in the autumn and spring curriculum. Gymnastics, Football, Sports Culture, Basketball, Fit4Life, and Swimming; culminating in the Wildern Games in the last part of the Spring Term.