



Year 10 Autumn 1:2

English		Maths	
<p>This term, pupils will be studying words and phrases, this will involve differentiating between connotations and denotations. In addition, pupils also study language features and techniques. This will consist of identify a variety of literary devices in texts, such as: metaphors and similes, exploring how to use these for purpose and effect.</p> <p>Pupils will be reading variety of fictional and non-fiction texts, with the focus being retrieval, clarifying using synonyms and summarising.</p>	<p>Autumn 2 begins by investigating percentage change and comparing fractions, percentages and decimals.</p> <p>We then solve problems involving percentage change before percentages are used to find prices after VAT and income after tax. Expressions are simplified using sums products and powers and then we expand and factorise single bracket expressions. We use discrete data to find the mean, construct frequency tables and estimate the mean of grouped data.</p>		
Science	Food Technology	History	PSHE/RE
<p>This term, pupils will build upon their knowledge of the Periodic Table and specific elements. They will look at the history of science and development of ideas in regards to the atom. Pupils will research the discovery of key elements and how significant this was to the modern Periodic Table. Pupils will familiarise themselves with the current model of the atom, including the presence and positioning of the sub atomic particles. Pupils will learn about the numerals found in the periodic table and what this are referenced to.</p>	<p>In Food Technology this half-term we will be exploring the functions and why our bodies need protein, fats and carbohydrates. Looking at foods that contain high levels fats and sugar thinking around alternatives. We will be looking at British based meals and how to make them suitable for a vegetarian through designing and making. As we look at these areas, we will be cooking a range of products including baking cakes and festive foods.</p>	<p>In this term, pupils will be studying 'Germany 1890-1945'. This will involve assessing the impact of the Depression on Germans and how it affected the growth for extremist parties. Pupils will examine the key factors in the growth of support for the Nazis and will describe the types of supporters that were attracted to the Nazi Party and the reasons behind this support. They will then describe the events from 1930 to 1933 that allowed Hitler to come to power and take total control of Germany.</p>	<p>In PSHE this term we will be focusing on relationships in regards to levels and types with thinking about different roles within them. Thinking about strategies in starting a new relationship, what makes it successful or difficult and our rights.</p>



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Art/DT	P.E.	Business Studies
<p>This term pupils will continue to work on their GCSE Art coursework that will go onto form 60% of their final GCSE grade. Pupils are completing work on the theme of Portraits and will continue to explore the works of Vincent Van Gogh, Kehinde Wiley and Pablo Picasso. Pupils will spend time researching the works of these artists and go onto create their own outcomes using a range of different mediums including acrylic paints, collage and pastels.</p>	<p>In P.E. this term we will be completing the fitness and handball unit. In fitness sessions we will focus on improving our general fitness, using interval style activities. When playing handball, we will learn the rules of the game, practise strategies such as handling the ball, and focusing on how to play together in a team, utilising the strengths of our teammates.</p>	<p>In Business Studies this half-term we will covering Unit 1, Topic 3, 'putting business ideas into practice'. We will begin by exploring the difference between business aims and objectives and the difference between financial and non-financial objectives. Following this we will calculate revenue, fixed costs, variable costs, profit and interest rates for a range of business. This knowledge will then be used to create and interpret breakeven graphs and cash flow forecasts. Finally, we will compare a range of different sources of finance that are available to businesses.</p>