

Year 9 Summer 3.2

English		Maths	
<p>This half term, pupils will be studying a variety of topics in preparing for Key Stage 4. This will involve reading Dennis Kelly's "DNA" book with the main focus being on extracting key points from the texts; in order to interpret what the writer is trying to imply. Once completed, pupils will be tasked with writing a review on the book using the skills they have learnt throughout the year. The key skills in which pupils will be developing throughout the term will consist of: writing, persuading and concluding. The reading sessions will focus on summarising and inference.</p>		<p>This half term pupils will explore and identify the properties of quadrilaterals. They will then calculate missing angles and finding lengths of missing sides of triangles. As an extension from Year 8 they will use coordinate axes to transform shapes, they will also use a combination of transformations.</p> <p>Pupils will enlarge 2-D shapes using the centre of enlargement where is scale factor is a positive number. Thereafter they will solve problems using congruent shapes and recognise when triangles are congruent. Pupils will extend their understanding of transformations with problem solving.</p>	
Science	Geography	History	PSHE/RE
<p>This half term pupils will explore cells and unicellular organisms. This term students will be recalling the basic structures of prokaryotic and eukaryotic cells. Pupils will link the structure of specific specialised cells to their functions. They will also be given an opportunity to discuss the advantages and limitations of using models in Biology. In addition, pupils will confidently use a microscope and calculate the magnification of a sample.</p>	<p>In the second half of the Summer Term the pupils will complete the topic "What happens where the land meets the sea?" they will define what is meant by deposition and explain how it creates coastal landforms. They will investigate how people living in coastal areas are affected by the processes of erosion and deposition. The pupils will finally investigate what is meant by 'coastal management' and identify different types of sea defences.</p>	<p>In this term pupils will continue studying 'Germany 1890-1945'. This will involve understanding Germany and the Depression. Pupils will discuss the causes and effects of the Depression in Germany and how it affected in the growth of extremist parties, focusing on the growth in popularity of the Nazi Party from 1928 to 1932. After this, pupils will describe the events from 1930 to 1933 that allowed Hitler to come to power. Finally, pupils will summarise the events that led Hitler and the Nazis to take complete control of Germany and they will evaluate the impact of these events on ordinary German citizens.</p>	<p>In PSHE this last half term we will be developing a SMART target that will help them on their way to their future career choices. We will be acknowledging what the laws say about work and understanding some rules regarding teenagers and work. We will analyse different business & products to see how they have become successful. Next, exploring enterprising skills and how to set up a new business, promoting it and problem solving if any difficulties arise. We will be expanding on them ideas to perform a 'Dragon Den' style pitch in front of the class</p>

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Art/DT	P.E.	Food Technology	Horticulture
<p>This term the Year 9 group will start their GCSE programme, they will begin with the thematic enquiry title of 'identity'. Pupils will begin exploring the theme looking at their culture and background as well as hobbies and interests, pupils will explore photography and drawing as well as looking at artists that whose work responds to the themes such as Frida Kahlo. Over the course of the project pupils will need to explore different mainly 2D mediums from spray paints, printing, photography and drawing with pastels and charcoal.</p>	<p>This half term pupils will be focusing on implementing and refining core skills as a team and as individuals to outwit opponents. Teams will be show how plan strategies to implement in competitive games. Pupils will be given the opportunities to officiate and coach small groups and understand the importance of teamwork. The sporting games we will play this term are: table tennis, athletics, and warm-up/down specific activities.</p>	<p>In Food Technology this last half term we will be exploring the development and adapting different recipes. We will be looking at ways in that we could change a recipe to develop new products through the process known as modelling. We will be evaluating ingredients and combinations to create different flavours, changing ingredients to fit dietary needs, changing the cooking methods & times plus changing the nutritional content. As well as looking at these areas we will be cooking spaghetti bolognese, breakfast, lunch, flatbread & chicken and beef burgers & wedges.</p>	<p>In Horticulture this half term we will re-cap the allotment rules. We will learn how to care for vegetable beds during the winter including how to use horticultural fleece and cloches. We will learn how to clean garden tools and safety equipment including how to oil and sharpen a selected gardening tool e.g., garden hoe. We will prepare for and take part in the RSPB Big School Bird Watch, sow early seeds in heated propagators and prepare for a potato crop on the allotment.</p>