

Year 9: Spring 2.1

English	Maths	Science
<p>In English this half term pupils will be studying two units. The first will consist of pupils developing their research and presenting skills. This will consist of identifying relevant information regarding a public figure of their choice. Pupils will then create a presentation based on their chosen role model. The second part of the unit will consist of identifying potential career paths. Pupils will complete tasks such as filling in application forms and writing a CV. To conclude the unit, pupils will participate in a formal job interview. Pupils will be reading a wide range of texts such as: job descriptions. The focus will be on retrieval and summarising.</p>	<p>In Maths this half term previous angle work is built upon with pupils constructing perpendicular lines and angle bi-sectors using a pair of compasses, this will include loci work with pupils understanding that a circle is the locus of all points equidistant from a fixed point. Once pupils have mastered the use of the compass and angle bi-sectors they then move on to constructing accurate angles of 45, 30, 60 degrees. Pupils then move onto Algebra where the <i>n</i>th term of a linear sequence will be revisited before moving on to discovering/understanding the relationship between the 2nd difference of a quadratic sequence and the coefficient of n^2 in the <i>n</i>th term.</p>	<p>In Science this half term pupils will be learning about acids and alkalis this will be the primary focus for pupils. How Scientists class acids and alkalis as chemicals, describe their distinct properties and uses will help pupils to understand their significance in our daily lives. A variety of indicators will be available test for and identify acids, alkalis and neutral substances. Following this, pH scales and/or pH meters will be used to make comparisons of solutions, grading their alkalinity and acidity. Pupils will learn how neutralisation occurs and why it is useful. Finally, the properties of metals and non-metals will be listed and the reactions between metals, metal carbonates and metal oxides with acids will be investigated.</p>
PSHE	Art	PE
<p>In PSHE this half term learning will focus on families and parenting, healthy relationships and conflict resolution. Pupils will build on previous learning about family, now exploring the range of different types of families. Pupils will recognise the features of positive relationships in the home and how to maintain them. Additionally, pupils will learn about conflict in different contexts and will learn conflict resolution strategies. Pupils will explore how to manage relationship and family changes, including relationship breakdown, separation and divorce. Furthermore, pupils will learn ways to reduce homelessness amongst young people and how to access support services.</p>	<p>In Art this half term we will be exploring 'Cubism' and the work of famous artists Picasso and Braque. Pupils will be creating studies of objects from life or using digital photography to capture people from different angles to create studies from these images. Following this, they will use mixed media techniques and collage to turn these into cubist collages. Finally, pupils will use Cubist painting techniques to show shadow and tone, they will then evaluate their piece in their books.</p>	<p>In PE this half term pupils will develop their Football skills the Football unit looks to underpin all of the fundamental skills for invasion games. Pupils will gain a solid understanding of the principles of invasion games including attacking, defending, and other relevant tactical strategies. The unit teaches pupils a variety of transferable practical and tactical skills that they are able to use across a variety of sports and other units that they will cover throughout the academic year. Pupil's experiences of football and PE in general at Key Stage 2 varies considerably and this unit allows all pupils to develop the fundamental skills required for the sport and then challenges them to apply them in more advanced scenarios and settings.</p>
Geography	Food Technology	History
<p>In Geography this half term the pupils will study the topic 'Can We Ever Know Enough About Earthquakes and Volcanoes to Live Safely?' They will discover how maps have helped people see the world differently over the years. Pupils will explore the theory of continental drift. They will describe the pattern of earthquakes, volcanoes and mountain belts. Pupils will identify the structure of the Earth, describing the composition of the lithosphere and linking this to the theory of plate tectonics. They will identify the three different types of plate boundary and the events that occur there. Finally, pupils will explain the forces that drive plate movements.</p>	<p>In Food Technology this half term pupils will be looking at ways to save money when shopping for food in regards to budgeting and impulse buys. Pupils will then be looking at the different options when it comes to shopping. Following this, pupils will be exploring the advantages and disadvantages in the areas of supermarkets, online shopping, markets and farmers markets, small local shops and specialist shops. Finally, pupils will be analysing the four main production methods in the food industry that are one-off production, batch production, mass production and continuous flow production. As pupils look at these areas, they will also be making a mixture of products from Vegetarian meals, healthy breakfasts and Pizzas.</p>	<p>In History this half term pupils will be studying the period between the First and the Second World Wars. Pupils will begin by exploring and understanding who the 'Big Three' were and how they dealt with the defeated countries of WW1. Following this, pupils will evaluate whether the League of Nations was a success or a failure. Pupils will then assess the diverse range of experiences of ordinary British citizens in the 1930's. Finally, pupils will describe the differences between a Democracy and a Dictatorship. This knowledge will then be used to define both Fascism and Communism.</p>
Music	Enrichment	
<p>In Music this half term pupils will refresh their previous knowledge of the Garageband programme. Pupils will learn how to use automation, panning and EQ's. As well as refreshing on recording live and inputting notes on midi. Following this, pupils will learn about how the music industry works, from putting on a live show and health and safety, to the record companies and people involved in making an album. Pupils will look at commercial music and how to make money through music. Finally, pupils will be given a brief and will be asked to compose a 30 second track for an advert.</p>	<p>As part of the Enrichment Programme, pupils will be given the opportunity to experience:</p> <p>Lambourne End: In this half term pupils will be taking part on a Low Ropes Course working on their balance and strength trying to say dry over more difficult challenges than previous years. Pupils will then be both Climbing and Abseiling down a 30-meter wall and trying more harder aspects of the wall. Following this, pupils will be developing their teamwork skills to overcome challenges over different obstacles and finally taking part in an Archery session.</p> <p>Rowing: In this half term in Rowing pupils will be building on the Rowing skills previously learned, pupils will develop more holistic skills such as problem solving, leadership, resilience, and teamwork. This will see pupils progress through a range of challenges in the in-door gym and training pool before being set free on the open water to put into practice all they have learned.</p> <p>Swimming: In this half term pupils will be taught based on their swimming ability. More experienced swimmers will work on developing their Front Crawl, Head Surface Dives, Backstroke, Pre-diving skills and Butterfly. Lessons will take place in 25 x 12.5-meter pool. Less experienced swimmers will swim in a smaller 12.5 x 5 meters pool and learn to develop their skills focusing on their Front Crawl, Front Crawl Breathing, Backstroke and Breaststroke.</p>	