



Windmill Hill Primary School

Spring Term 2022 Curriculum Plan

Year 6

English	<p>In the first half term, we will build on our autumn science topic of 'Evolution and Inheritance' to indulge in a learning journey about Charles Darwin. We will work on a discovery narrative during the 'Read to Write' lessons and explanation texts within our 'Steps to Read' lessons. The children will read a variety of books about the life and works of Darwin including a poetry book, 'Darwin – A Life in Poems' written by his great - great granddaughter, Ruth Patel and a fictional account of his life journey through 'Darwin – An Exceptional Voyage'. In contrast, the book 'When the Whales Walked' allows the children to gain exposure to a non-fiction.</p> <p>In the second half term, our theme is 'Wolves'. The 'Read to Write' aspect is a revision unit and the children will be using their prior knowledge to create different text types and demonstrate their independent application at a distance from direct teaching. Our revision units provide the children with a larger number of writing opportunities for a wider range of audiences and purposes. In addition to our writing lessons, we will continue to work through our 'Step to Read' sequence of lessons to improve our reading comprehension skills.</p>
Mathematics	<p>This half term will begin with a focus on decimals. Once comfortable with decimal place value, the children will add, subtract, multiply and divide with decimals whilst also comparing them to fractions. The children will utilise concrete materials, such as Base 10, to support their learning.</p> <p>After our work on decimals, the focus is on converting units of measurement using fractions and decimals. Pupils begin by converting units of length and distance followed by exploring units of mass, volume and time. While most of the unit considers metric conversions, time is challenging as it does not follow multiples of 10, 100 or 1000</p> <p>In this final part of this first half term, pupils solve complex word problems using the four operations and bar model diagrams.</p> <p>Next half term, pupils will be exploring how to calculate percentage of numbers and quantities. They will be learning about how to solve for percentage change and use percentage to compare amounts</p> <p>In ratio orientated lessons, pupils will be comparing quantities, including numbers, objects, fractions and mass before moving on to solving word problems</p>
Science	<p>Electricity - This unit builds on from the Year 4 Electricity unit. The children will learn to represent circuits using symbols in a diagram. They will learn about two of the most important scientific inventors in the field of electricity – Thomas Edison and Nikola Tesla. The children will get the opportunity to develop their understanding of what</p>

	<p>electricity is and how to measure it.</p> <p>The children will be visited Stephen Pilling who will help them to become electro-city builders by using Lego to create circuits. Each pupil will get the chance to use electrical equipment to light up their own Lego house.</p> <p>Living Things and Their Habitats - The children will take part in classification training, gaining credits along the way to gain their Classification Connoisseur qualification. They will discover Linnaeus' system and identify a range of living things. The challenge culminates in designing new creatures that fit within the classification system.</p>
<p>Computing</p>	<p>This term, the children will learn about computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration.</p> <p>The children will use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content.</p> <p>The children will learn to design and create digital content to accomplish goals. We will work with software that allows us to Combine text and images to present ideas.</p> <p>Further to the development of the practical application, we will gain a deeper understanding of the impact (positive/negative) technological changes have on society and predict how technology will change in the future.</p>
<p>Art and Design and Technology</p>	<p>We will start this term by looking at buildings and sculptures. In this unit of work, we will learn about drawing buildings, in particular 3D buildings. The children will study the architect Antoni Gaudi and create sculptures based on his work.</p> <p>After exploring architecture, we will study still life. This unit of work gives the children the opportunity to learn about still-life compositions. They learn about how to arrange a composition for effect and begin learning how to create paintings that show light and shade.</p>
<p>Humanities</p>	<p>Humanities will be centred on 'Our Angry Earth'. The children will learn about earthquakes, volcanoes and extreme weather.</p> <p>The children will look at cause and consequence:</p> <ul style="list-style-type: none"> ➤ How and where do these things occur? ➤ What do people do to minimise their risk and disruption? ➤ How likely are these things to occur in the UK compared with other parts of the world?

	<p>More specifically, we will delve into the most famous (or perhaps more fittingly, infamous) events to see what happened and why.</p>
<p>French</p>	<p>The children will get the opportunity to extend their vocabulary and research French customs and traditions. The children will build on their knowledge and understanding of the French language.</p> <p>This half term the learning will centre on 'Bon Voyage' and 'Transport'. The children will discover the names of different modes of transport and how travel will differ due to France being mainland Europe. Together, we will look at key phrases that could be used to navigate these modes of transport whilst in France.</p> <p>Next half term, we will be focusing on the 'Easter' theme. The children will look at Easter traditions in France compared with England. We will discuss one of the main French Easter traditions - the Easter bells or 'les cloches de Pâques'.</p>
<p>Music</p>	<p>Year Six children are working on weekly Dance and Drama sessions revolving around Shakespeare's Macbeth and British Values.</p> <p>The children will take part in two, one-hour sessions each week where they will discover the nuances of dances such as the jive and street dance. As a nod to our respect and tolerance of other cultures, faiths and religions, the children will explore traditional African dance and compare and contrast the movements.</p> <p>In addition, a recap of all styles of dance will be covered and the class will be tasked with reflection activities to assess their own performance and decide on their favourite variations.</p>
<p>Physical Education</p>	<p>The first half term will be gymnastics. This term, our children take be given gymnastics tuition from the 'Beth Tweddle Curriculum'.</p> <p>In this unit, children will create longer sequences individually, with a partner and a small group. They will learn a wider range of actions such as inverted movements to include cartwheels and handstands. They will explore partner relationships such as canon and synchronisation and matching and mirroring.</p> <p>The children will spend the second half term learning to play tag rugby. In this unit, children will develop key skills and principles such as defending, attacking, throwing, catching, running and dodging. When attacking, children will support the ball carrier using width and drawing defence. When defending, the children will learn how to tag, how to track and slow down an opponent, working as a defensive unit. They will play collaboratively in both uneven and then even sided games.</p>

<p style="text-align: center;">RE</p>	<p>Our first half term will focus on the Muslim religion. Throughout this half term, will be looking at Haji and the concept of pilgrimage. We will explore Mecca and why it is so important to Muslims.</p> <p>Following this, we will delve back into Christianity. This time, we will be focusing on what Christians mean by 'Good Friday'. We will be looking at the events of, and the lead up to, Good Friday and subsequently why it is such a significant day to Christians.</p>
<p style="text-align: center;">PSHE</p>	<p>Half term one will focus on 'Dreams and Goals'. The children will be able to discuss their dreams and goals – in school and outside of school - for the future. Furthermore, we will look at dissecting our goals, so that we can create stepping-stones to success. Together, we will take a look at the strength we have within us and how that will support our journey.</p> <p>Half term two will focus on 'Healthy Body, Healthy Mind'. The children will look at ways in which they can help to manage their own wellbeing by looking at ways to support their own mental and emotional health. We will look at the risk of peer-pressure and how we can manage those situations effectively.</p> <p>This topic will be extremely important and poignant given the current 'Lockdown' conditions and how the ever-changing environment is affecting people of all ages.</p>