



Windmill Hill Primary School

Autumn Term 2020 Curriculum Plan

Year 5

English	<p>For the first part of the half-term, the children will be writing their own Autobiographical Snapshot. This unit of writing will allow the children to write in all three tenses and explore a range of descriptive techniques. There will be a greater focus on Year 4 objectives than in previous years and we will discover skills they have been able to retain.</p> <p>Following this, the children will have the opportunity to explore instructional writing. This unit of writing will allow the children to explore how structure and a range of punctuation can improve the overall flow of their writing.</p> <p>The second half-term will focus on newspapers. The children will take on the role of a journalist and learn how to write their own articles based on fictional and real-life events. We will be looking at a range of structures and exploring how to effectively write a newspaper article.</p> <p>Reading and comprehension will form a massive part of our English curriculum. All children will take part in weekly reading comprehension tasks which match the unit of writing.</p>
Mathematics	<p>The first half-term will focus on place value and two of the four operation – addition and subtraction.</p> <p>During place value lessons, the children will study numbers from 4 digits to 7: exploring different values; comparing and ordering numbers; rounding numbers to 100, 1,000 and 10,000. This will enable the children to recap on previous objectives whilst also tackling the Year 5 objectives. Children will then learn the formal written methods for addition and subtraction.</p> <p>The second half-term will focus on measurement, statistics and the other two operations – multiplication and division.</p> <p>Measurement lessons will see children finding the area and perimeter of a range of compound rectangles. In statistics, children will be looking at a range of graphs and interpreting relevant data. Following this, the children will be opportunities to source their own data and construct graphs. Finally, the children will switch their attention to finding factors and multiples whilst using their in-depth knowledge of times tables and division facts.</p>
Science	<p>During the first half-term, the children will be focusing on Living Things and Their Habitats. This unit will explore the process of reproduction and the life cycles of plants,</p>

	<p>mammals, amphibians, insects and birds. The children will explore reproduction in different plants, including different methods of pollination and asexual reproduction. The children will have the opportunity to take cuttings from plants, creating clones of the parent plant.</p> <p>They will learn about different types of mammals and their different life cycles. Furthermore, the children will find out about Jane Goodall and her work with the now-endangered chimpanzees in Africa. They will explore metamorphosis in insects and amphibians, comparing their life cycles. Finally, the children will explore the life cycles of birds and butterflies whilst comparing them.</p> <p>The second half-term will be a physics unit. This 'Forces' unit will investigate types of forces such as gravity, friction, water resistance and air resistance. Children will also learn about the use of mechanisms such as levers, gears and pulleys.</p> <p>The children will identify forces and find out about Isaac Newton and his discoveries about gravity. The children will look for patterns and links between the mass and weight of objects. We will be using Newton Meters to measure the force of gravity.</p>
Computing	<p>To begin, children will be using 'Scratch Jnr' to create a range of different algorithms. They will design, write and debug programs that accomplish specific goals and solve problems by decomposing them into small parts. We will be using sequencing, selection and repetition within Scratch Jnr whilst working with various forms of input and output.</p> <p>Children will have a range of opportunities to showcase their learned skills by making virtual loop and conditional games and complex mazes.</p> <p>The second half-term will see the children design their own app. Children will learn a range of graphical design and presentation skills in PowerPoint, Keynote and Google Slides.</p>
Art and Design and Technology	<p>During this term, to match our Science unit, the children will be focusing on plants and flowers. This unit will focus on how to use pencil, colour, Hapa Zome printing, sculpture and paper modelling to create quality artwork that shows progression in children's skills. The children will also have the opportunity to explore the work of India Flint, Alexander Calder, David Oliveira and Henri Rousseau.</p>
Humanities	<p>This term, the children will be learning and the Scandinavian Struggle.</p> <p>As historians, the children will learn who The Vikings were. They will look at reasons as to why people believe they left Scandinavia and travelled across to the UK. Once the children have a solid starting block, they will go on to study a range of Viking raids; understand the leadership and The Great Kinds; focus on what life would have been like during The Viking and Anglo-Saxon reign of England and finally identify many of the</p>

	<p>Viking legacies.</p> <p>As geographers, we will locate all of the significant countries within Europe which have strong links to The Vikings. This will provide much discussion about continents, countries, towns and cities. Furthermore, we will focus on the human and physical features of those counties including what make England so appealing to The Vikings.</p>
<p>French</p>	<p>The first half-term will focus on feelings. We will begin by recapping how to ask, 'how are you?' and write simple scripts which will also include greetings and asking people for their name and age. Once secure, the children will move to explore the verb 'to be'.</p> <p>The second half-term will explore family members. The children will learn the French terms for many different family members and be able to talk about their family whilst giving some extra information about them such as their age or aesthetical features.</p>
<p>Music</p>	<p>The first half-term will focus on classic rock – Livin' On A Prayer. The children will listen and appraise before learning to the sing the song in different parts. Once the children feel comfortable with the song, we will begin adding musical instruments and finding our own rhythms and appropriate notes. In addition to this, the children will listen to a different classic rock every week whilst comparing their structure, rhythm, beat and pitch.</p> <p>The second half-term will take a Jazz focus. Without a specific song to focus on, the children will be introduced to a range of jazz songs and Jazz style musical pieces. The children will transfer their skills on their chosen musical instruments and again try to create their own Jazz style piece.</p>
<p>Physical Education</p>	<p>Our first half-term will see the children focus on, and improve, their fitness levels. Children will take part in a range of fitness challenges to test, monitor and record their data. They will learn different components of fitness including speed, stamina, strength, coordination, balance and agility. We will have opportunities to work at our maximum and improve our fitness levels. The children will be asked to recognise areas in which they make the greatest progress using the data they have collected.</p> <p>The second half-term will focus on Yoga. The children will learn about mindfulness and body awareness. They will learn yoga poses and techniques that will help them to connect their mind and body. The unit looks to improve wellbeing by building strength, flexibility and balance. We will also be focusing on breathing and meditation taught through a range of activities.</p>

<p style="text-align: center;">RE</p>	<p>Our first half-term will focus on Christianity. The children will begin by understanding the Christian fundamental values and beliefs. Once secure, the children will home in on the idea of sin and sacrifice. We will look at and compare a range of different ‘sins’ – from the Christian Bible and modern-day examples. The children will have many opportunities to discuss their thoughts and beliefs within safe and respectful environment.</p> <p>The second half-term will focus on Islam. Do to COVID-19, this will be the first time that the children have studied this religion since the beginning of Key Stage 2. We will therefore begin by re-capping the fundamental values of the Islam religion. The rest of the half term will then focus on the Islamic holy book – the Qur’an. We will explore its meaning, its contents and its importance to the Islamic faith and followers.</p>
<p style="text-align: center;">PSHE</p>	<p>Our first half-term will focus on ‘Me in My World’. This will see the children focus on their rights, responsibilities, rewards and sanctions. All children will have the opportunity to understand their rights as a child. We will also look at children across the world and how their rights cannot be met due to their environment.</p> <p>Our second unit, Celebrating Differences, will follow on by exploring cultural variances and conflict. We will look at how racism and cultural differences can cause extreme conflict within regions. Following this, we will downscale our thinking and focus on how rumours and name-calling can cause upset within our own community. Finally, the children will end the term on a positive note – focusing on the importance of happiness and wellbeing. We will focus on enjoying and respecting all of the wonderful cultures around us.</p>