



Windmill Hill Primary School

Autumn Term 2025 Curriculum Plan

Class 3

English	During the first half term, we will be focusing on an approaching threat narrative. This will be based on the book 'The Iron Man' written by Ted Hughes. We will look at sections of the text and illustrations to make predictions and gain a greater understanding of the narrative. They will develop their understanding of key vocabulary from the book and analyse the example text. We will look at language features, the organisational structures, grammar and punctuation used. This will support them when planning and writing an approach threat narrative. After that, the children will be given the opportunity of writing an explanation. They will analyse the structure of an explanation and the grammar included. We will look at the language features and how it can influence the reader. This will support them in writing an explanation on 'How to capture the Iron Man?' After half term, we will look at a fable narrative, focusing on the book 'Fox' written by Margaret Wild and Ron Brooks. Our class will have an opportunity to develop their understanding of previous grammar and punctuation learnt. After that, we will write an information report about foxes. They will analyse an example text, discussing key vocabulary and language used and how it affects the reader. We will also explore the features of the text and include features like headings and paragraphs in their writing. They will continue to include grammar and punctuation from the year 3 objectives. There will be weekly reading sessions following the 'Steps to Read' scheme. The children will improve their comprehension skills and word recognition, looking at a range of fiction and non-fiction texts. In the first half term, we will read a range of texts based on forces, magnets and rocks. After half term, we will read a mixture of stories and poetry. Throughout the term, there will be regular opportunities for independent reading. Throughout this term, there will be a focus on letter formation in their handwriting. We will continue to concentrate on letter size and where to start and join letters correctly. We will continue to develop our grammatical knowledge through reading, writing and speaking. We will follow the "Ready, Steady, Spell" scheme. Weekly sessions will focus on common exception words and spellings rules.
Mathematics	<u>Year 3</u> This half term, the children will look at numbers up to 1000 and focus on the place value of each digit. Pupils will learn how to compose and decompose numbers, compare, order, and look for patterns. Then, the children will work on addition and subtraction. They will start off with simple addition before moving on to addition where renaming is required. Subtraction will be covered in a similar way where simple subtraction is mastered before moving to subtraction where renaming is required. Once the children master addition and subtraction, they start to look at problem solving questions and practice using bar models.

After half term, the children will cover the multiplication and division of 3, 4 and 8. They will then get to use their experience of multiplication and division to solve word problems. We will move onto multiplying by a 2-digit number. The first few lessons focus on decomposing a number into tens and ones, so that the multiplication is easily managed and the children can see the concept using Base 10 blocks. Lessons move onto multiplying where regrouping is necessary, before the children start to look at division. Once the children have mastered multiplication and division, they focus on solving problems using the multiplication and division methods they have learnt.

The children will gain greater confidence using concrete resources to solve mathematical problems. This will develop their understanding and reasoning skills through discussion and step by step strategies to solve problems. This will be recorded in journals where the children will learn several methods to solve a problem.

Year 4

In the first half term, we will be exploring how to count in multiples of 25, 100 and 100, helping them to count larger numbers comprehensively. The children will learn about the relative size of numbers and complete number sequences within 10,000. They will learn about place value to 4 digits and will also be able to link numbers in numerals and words. We will explore comparing numbers and use language such as “greater”, “smaller”, “less” and “more”, as well as using mathematical symbols to represent this. Using their knowledge of number and place value, they will complete number patterns, before moving on to rounding numbers to the nearest 1000, 100 and 10. The children will also apply this knowledge to approximate, total and find the difference. After place value, we will then focus on addition and subtraction within 10,000. In this unit, pupils develop fluency and confidence in adding and subtracting numbers within 10,000. They build on their understanding of place value to use both mental strategies and formal written methods, including column addition and subtraction with regrouping and exchanging. Pupils apply these skills to solve one-step and two-step word problems, estimating answers by rounding and checking accuracy using inverse operations. This topic strengthens number sense, supports problem-solving in real-life contexts, and prepares pupils for more complex calculations in later units.

After half term, the children will be exploring multiplication and division. They will learn how to multiply and divide by 6, 7, 8, 11 and 12. They will begin to understand mathematical vocabulary such as “quotient” in relation to division. They will learn how to calculate multiplication equations using the multiplication facts they know. They will understand the difference between sharing and grouping and they will understand the commutative law in multiplication. We will also solve problems involving multiplication and division.

Multiplication and division will then continue as we further develop our understanding of it. The children will learn how to divide and multiply by 1 and 0 and understand the law of commutativity. They will learn how to multiply three numbers together using prior knowledge of multiplication tables. We will then use our knowledge of tables and place value, to multiply multiples of 10, leading to the multiplication of 2-digit numbers using short multiplication. They will also use this method, to multiply multiples of 100-

	and 3-digit numbers. This will then lead to learning about division and using two methods, including numbers with remainders. They will solve multiplication and division problems using these methods they have learned and will use bar models to visualise the problems. Daily fluency will focus on previous learning and give opportunities to address any gaps in learning. Weekly 'Beat it Big Maths' will develop the speed and accuracy of the children's timetables, that will support them in their mental recall and fluency.
Science	<u>Year 3</u> In the first half term, Year 3 will explore the fascinating world of rocks as part of their science curriculum. They learn to identify and compare different types of rocks, discovering how they are formed and the unique features that distinguish them. They will investigate the properties of rocks through hands-on experiments, such as testing for hardness and permeability, and consider how these characteristics make rocks useful in everyday life. They also learn about how fossils are formed and what they tell us about the Earth's history, as well as studying the role of soil in supporting plants and animals. This engaging topic encourages curiosity about the natural world and develops important scientific skills such as observation, classification, and enquiry. In the second half term, the year 3 children will develop their understanding of light through exciting, practical investigations. They will learn that light is essential for us to see and explore how it travels from a source to our eyes. They will discover the difference between light sources and reflective surfaces, testing how light behaves when it hits different materials. They will also investigate shadows, observing how their size and shape can change depending on the position of the light source. Through these activities, they will begin to recognise the importance of light in the world around them, while building key scientific skills such as predicting, testing, and recording results. <u>Year 4</u> In the first half term, the Year 4 children will be introduced to the exciting topic of electricity, where they learn how it powers many of the things we use every day. They will explore which appliances run on electricity and discuss the importance of using it safely. They will be introduced to simple electrical circuits, building their own using wires, batteries, bulbs, and switches, and investigating how these components work together. Through hands-on experiments, they will test what materials are conductors or insulators and apply this knowledge to real-world contexts. This topic not only sparks curiosity about how electricity works but also helps them to develop problem-solving and investigative skills as they create and test their own circuits. In the second half term, the year 4 children will investigate the fascinating topic of sound and how it is made. They will learn that sounds are created by vibrations and explore how these travel through different materials to reach our ears. The children will experiment with a range of instruments and everyday objects to discover how pitch and volume can be changed, and they consider how distance and materials can affect what we hear. They will also explore the human ear and how it enables us to detect sounds in

	the world around us. This engaging topic encourages them to think scientifically, ask questions, and carry out practical investigations while deepening their understanding of how sound plays an important role in our daily lives.
Computing	In the first half term, we will begin our computing journey with the first unit “Computing Systems & Networks – Connecting Computers”, where we will explore how devices connect and communicate. The children will learn about different parts of a computer system, consider how networks work, and discuss the ways computers share information. They will develop their understanding of digital devices, with an initial focus on inputs, processes, and outputs. They will compare digital and non-digital devices. Next, the children will be introduced to computer networks, including devices that make up a network’s infrastructure, such as wireless access points and switches. Finally, they will discover the benefits of connecting devices in a network. In the second half term, we will explore the second unit “Creating Media – Stop-Frame Animation”, the children will become digital storytellers: they will plan and create short animations by capturing individual frames and sequencing them, combining images with text and media to bring stories to life. This unit will conclude with the children adding other types of media to their animation, such as music and text. Both units this term focus not only on building technical skills but also on encouraging creativity, problem solving, precise thinking and collaboration, giving pupils confidence and awareness in the digital world. Throughout the term, we will explore and discuss e-safety. We will focus on using technology safely; recognising acceptable and unacceptable behaviour and understanding what they should do if something upsets them online.
Art and Design and Technology	Art and Design Autumn 1 - In our <i>Down Our Street</i> art and design project, the children will explore their local environment through drawing, painting, and model-making. They will study buildings, streets and landmarks in their community, using observational drawing skills to capture detail and structure. The children will experiment with different materials and techniques to represent textures, shapes, and perspectives, while learning about artists who are inspired by urban landscapes. The project encourages creativity, a sense of place and appreciation for the architecture and history around them. Design and Technology Autumn 2 - In our <i>Roald Dahl Party Hats</i> project, the children will use their imaginations to design and create colourful, character-inspired hats based on Roald Dahl’s most beloved stories. Drawing on themes and illustrations from books like <i>The BFG</i>, <i>Matilda</i>, and <i>Charlie and the Chocolate Factory</i>, the children will develop their design ideas through sketching and experimenting with patterns, colours, and textures. They will learn to cut, fold and assemble paper and mixed materials to bring their unique hat designs to life, celebrating storytelling through creative expression and wearable art.

Humanities	To start the term, the children will have a fieldwork opportunity to design a basic sketch map of the classroom. They will use their prior knowledge of map work, to draw a map of their new classroom. This term, we will be exploring “Early Humans – Stone Age to Iron Age.” In History, the children will study the Stone Age, Bronze Age and Iron Age. They will look at the social, cultural, ethnic and religious diversity of these times. The children will look at the attitudes, ideas, beliefs and experiences of the men, women and children during the Stone Age to Iron Age. They will understand key periods of time in prehistoric Britain and how humans have changed over time. They will also look at different animals that lived during prehistoric Britain. Then, the children will understand how cave paintings help us to understand how early humans lived and they will be given the opportunity to create their own cave art. In Geography, our class will be looking at how the first human ancestors lived in Africa and how they spread across Europe, Asia and the world over time. They will locate key countries in Europe and Africa on a map where human life started and how our ancestors came to settle in Britain. The children will identify different monuments from prehistoric Britain. They will continue to focus on map work, using four-figure grid references.
French	This term, the children will extend their French vocabulary and look into French customs and traditions. They will learn how to greet each other in French, gaining a greater understanding of the language. This will be done through spoken language in a two-way conversation by asking and answering questions. The children will learn to write simple words and phrases in French. The children will learn how to count to 30 and how this can be used in the spoken and written language. After that, children will learn the alphabet in French. This will be done through songs and rhymes. Leading up to Christmas the children will learn about Christmas traditions in France. They will learn to read and write simple words and phrases used during the festive period.
Music	In Music, we will be following the ‘Charanga’ scheme to develop the children’s understanding. The children will learn a song called ‘Mamma Mia’. The children will embark on a musical journey with this unit, focusing on the timeless pop song by ABBA. Over six weeks, the children will engage in a variety of musical activities involving this iconic track. The unit begins with listening and appraising "Mamma Mia" and other ABBA hits, such as "Dancing Queen" and "The Winner Takes It All," to understand their structure, rhythm, and instrumentation. They will then progress to playing glockenspiels, using simple notes. This unit also emphasizes improvisation and composition, encouraging them to create their own musical ideas. By the end of the

	unit, our class will perform their ideas and reflect on their learning. After half term, they will look closely at their musical journey on the glockenspiel with Stage 1, an exciting introduction to playing a tuned percussion instrument. They will learn to read simple musical notation, understand basic rhythms, and play notes with accuracy and control. Through a series of fun, interactive activities, they develop their listening skills and learn to perform short pieces individually and as part of an ensemble. This unit encourages creativity, concentration, and confidence in music-making, providing a solid foundation for more advanced glockenspiel skills in the future. The children will also focus on the Christmas production. They will work on individual and group performances through singing and dancing.
Physical Education	This term, the children will partake in gymnastic sessions. In this unit, the children will create more complex sequences. They will learn a wider range of travelling actions and include the use of pathways. The children will develop more advanced actions such as inverted movements and explore ways to include apparatus. They will demonstrate control in their behaviour to create a safe environment for themselves and others to work in. They work independently and in collaboration with a partner to create and develop sequences. The children will be given opportunities to receive and provide feedback in order to make improvements on their performances. In gymnastics as a whole, the children will develop performance skills considering the quality and control of their actions
RE	In the autumn term, the children will focus on Christianity. They will look at the theme 'Who should we follow?' In the Christianity topic, the children will learn how and why people have served God. Children will look at people who inspire them in their lives. We will discuss what makes a good role model and how we can make sure we are a good role model in everyday life. The children will understand that in Christianity prophets are important in spreading the word of God and help to inspire others.
PSHE	Talking and listening to each child will be crucial in improving their confidence and gaining a greater understanding of how they feel. This half term, the children will focus on the theme 'Being Me in My World'. The children will get to know each other and identify positive things about themselves. They will learn to consider why it is important to consider other people's feelings and take responsibility for their own actions. They will understand how their actions can affect others and see it from other people's views. After half term, the children will focus on the theme 'Celebrating Differences'. They will understand that everyone's family is different. They will understand how you can make

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	other people feel better. The children will understand how complimenting others can have a positive effect.
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