

**Academic Year:** 2024-2025

**Term:** Autumn

**Year Group:** 2

**Topic Title:** Explorers



Subject	Learning
English - Reading	<p>We have two Power of Reading Texts this term: Where the Wild Things Are, by Maurice Sedank, and Man on the Moon, A Day in the Life of Bob, by Simon Bartram. We will be developing the children's skills of sequencing events in a story, retrieving literal information, making inferences and predicting. Children will be encouraged to make links between different books that they read.</p> <p>In our reading lessons this term, we will read a variety of texts, including stories, non-fiction and a poem. We will cover retrieval, inference, prediction, vocabulary, sequencing, summarising and making links.</p>
English - Writing	<p>Linked to our Power of Reading texts, children will write for a range of purposes, including descriptions, diaries, letters, recounts, stories and newspaper reports. We will learn the following writing skills, which children will be expected to demonstrate in their writing: using commas in lists, expanded noun phrases (eg the beautiful, blue butterfly), using 'if, when, that, because' in writing, and the four sentence types (statement, question, exclamation and command).</p>
English – Phonics/Spelling	<p>This term, to begin, we will continue with the Little Wandle phonics scheme. After half term, we will move on to Little Wandle's Bridge to Spelling programme.</p>
Mathematics	<p>In the Autumn term we will be covering chapters on place value and number, addition and subtraction, money, multiplication and division and temperature. What we cover in each chapter is explained below:</p> <p><u>Place value</u> This chapter concentrates on various aspects of numbers to 100. Pupils will be able to count to 100 through different steps, including counting in tens. Place value will have a major role throughout the chapter. Pupils will also look at comparing numbers using their place-value knowledge and they will go through number bonds. The final two chapters will allow pupils to explore numbers to see patterns within 100.</p> <p><u>Addition and subtraction</u> This chapter looks at addition and subtraction using number bond diagrams as well as the standard column method. Pupils will be taken through each lesson with slight variations in the learning objects so that they can reach a level of mastery.</p> <p><u>Multiplication of 2, 5 and 10</u> This chapter investigates the multiplication of 2, 5 and 10. Pupils will also have the opportunity to understand what multiplication means and what it looks like. Patterns in multiplication and commutative law are also covered in this chapter.</p> <p><u>Multiplication and Division of 2, 5 and 10</u> This chapter focuses on both the multiplication and division of 2, 5 and 10. Pupils will look at different ways of sharing, including sharing and grouping before covering division by 2, 5 and 10. Pupils will also investigate links between multiplication and division and odd and even numbers.</p> <p><u>Money</u> Children will be reviewing concepts on writing and counting money in addition to extending their knowledge of how to represent money using £ and p. They will be reinforcing previous counting methods using fives and tens to count quickly and efficiently. They will be required to show equal amounts of money and how to exchange money. By the end of the unit, they will be using bar modelling to calculate the total amount of money spent and then working out how much change is required from amounts below £100.</p>
Science	<p>In the Autumn Term, we will be learning about everyday materials. Children will learn about the properties and uses of different materials. They will learn about people who have developed new, useful materials, such as Charles MacIntosh. They will investigate the best material to make a space suit out of for an astronaut.</p>
Computing	<p>We will be developing children's computer science skills with a focus on coding, using the Beebots.</p> <ul style="list-style-type: none"> <li>Children know that some problems need to be broken down to solve accurately (decomposition)</li> </ul>

	<ul style="list-style-type: none"> <li>Children will know some of the basic Bee-Bot functions (recap from Year 1) (forward, backwards, turn left, turn right, go, clear, pause)</li> <li>Children will know that some technology can be programmed to complete a task/act in a certain way/create a specific output</li> <li>Children will know what each of the buttons on a Bee-Bots control panel do. (forward, backwards, turn left, turn right, go, clear, pause)</li> <li>Children will know to follow the process: Design, code, test, debug (and repeat)</li> </ul> <p>We will also use Purple Mash to continue to develop children's skills of presenting information in different ways.</p>
<b>History</b>	Our topic in History this term is 'Explorers.' We will be learning about what an explorer is and find out about the explorations of Christopher Columbus and Neil Armstrong. Children will have the opportunity to sequence and compare events, artefacts and photos and to place events on a timeline. We will use historical sources and artefacts to help us to ask and answer questions about the past.
<b>Geography</b>	In Geography this term we will be exploring maps of the world. Children will use globes and maps to identify the Northern and Southern Hemisphere, the four main climate zones and countries and continents in the world. There will be the opportunity to use a range of globes, atlases and maps and to communicate what we find out in a variety of ways.
<b>Art &amp; Design</b>	We will be using the Access Art scheme of work on the Explore and Draw pathway, focusing on the work of environmental artist Andy Goldsworthy. In this unit children will explore their environment with 'fresh eyes' looking for inspiration from their surroundings. Children explore observational drawing and experimental mark making and think about how they can use composition to create their artwork.
<b>Music</b>	In music this term, we will use the song 'Hands, Feet, Heart,' to: <ul style="list-style-type: none"> <li>Understand and explore how music is created</li> <li>Investigate how the interrelated dimensions of music (pitch/pulse/rhythm) affect the music</li> <li>Understand some songs have a chorus or a response/answer part</li> <li>Identify how the music makes us feel does the music make you feel?</li> <li>Identify how changing the way we play/sing affects the piece of music.</li> <li>Understand where Afropop/South African music fits into the musical canon.</li> <li>Understand what influenced South African music</li> </ul>
<b>Design Technology</b>	This term's learning has a focus on mechanisms. We will investigate different mechanisms such as wheels, levers and pivots, and ways to strengthen a structure. These will be combined to create a picture with moving mechanisms.
<b>PE</b>	This term in PE we will be covering: Indoor sessions - Gymnastics and Dance Outdoor Sessions – Fitness and Tag Rugby
<b>RE</b>	In the Autumn Term, Year 2 will be learning about Hinduism. Children will explore the following questions: <ul style="list-style-type: none"> <li>Who is Brahman and why is he important to Hindus?</li> <li>What do Hindus believe about their gods and goddesses?</li> <li>What do Hindus celebrate at Diwali?</li> <li>How is the festival of Holi celebrated?</li> <li>What does the Om represent for Hindus?</li> <li>How and where do Hindus worship?</li> </ul>
<b>PSHE/ RSE</b>	In the first half of term, the children will learn about: <ul style="list-style-type: none"> <li>Healthy living</li> <li>Recognising and celebrating personal strengths and achievements</li> </ul> In the second half of term, the children will learn about: <ul style="list-style-type: none"> <li>Caring friendships</li> <li>How they grow and change as they become older.</li> </ul>
<b>Online-Safety</b>	Children will learn about: <ul style="list-style-type: none"> <li>Device Free Moments - Pupils and students learn about times when devices should and shouldn't be used.</li> <li>That's Private - Pupils and students understand personal information is private, about what information it is safe to share, and about the consequences of sharing information digitally.</li> </ul>