

Vine Core Curriculum

Termly Curriculum Overviews – Maths

Year Group – Reception

	Autumn	Spring	Summer
Number	<ul style="list-style-type: none"> - Develop the key skills of counting objects including saying the numbers in order and matching one number name to each item. - Estimate and guess how many there might be before counting. - Join in and sing counting songs and number rhymes. - Listen to and enjoy stories that involve counting. - Subitise to 5 and is begin to talk about the different ways that amounts of 5 can be made. 	<ul style="list-style-type: none"> - Look at small quantities in familiar patterns – for example a dice – and random arrangements, saying how many they can see. - Use 5 frames and 10 frames to become familiar with the tens structure of the number system. - Talk about how many spaces are filled or unfilled. - Link the number symbol (numeral) with its cardinal number value. - Confidently talk about the different ways that numbers can be made to 5 and apply this knowledge to numbers to 10. - Link subtraction facts to composition of numbers to 5. - Recall some double facts to 10. 	<ul style="list-style-type: none"> - Explore the composition of numbers to 10 - Automatically recall number bonds for numbers 0-5/0-10. <p><u>ELG Number</u> Have a deep understanding of number 10, including the composition of each number.</p> <p><u>ELG Number</u> Subitise (recognise quantities without counting) up to 5.</p> <p><u>ELG Number</u> Automatically recall – without reference to rhymes, counting or other aids – number bonds up to 5. Recall some number bonds to 10, including doubling facts.</p>
Numerical patterns	<ul style="list-style-type: none"> - Use vocabulary ‘more than’, ‘less than’, ‘fewer’, ‘the same as’, ‘equal to’. - Distribute items evenly from a group. - Count objects accurately to 10 using one to one correspondence and can identify when objects have the same, less that or more than. - Recognise numbers to 10 and puts them in order. 	<ul style="list-style-type: none"> - Understand the ‘one more than/one less than’ relationship between consecutive numbers. - Count beyond 10, noticing patterns within the structure of counting. - Recognise patterns within number. 	<p><u>ELG Numerical Patterns</u> Verbally count beyond 20, recognising the pattern of the counting system.</p> <p><u>ELG Numerical Patterns</u> Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less that or the same as another quantity.</p> <p><u>ELG Numerical Patterns</u> Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally.</p>
Shape & Measure	<ul style="list-style-type: none"> - Select, rotate and manipulate shapes in order to develop spatial reasoning skills. - Use some shape names appropriately and understands prepositional language. - Create a repeated pattern with colour and shape. 	<ul style="list-style-type: none"> - Compare length, weight and capacity. - Continue, copy and create repeating patterns. - Use mathematical language to compare and talk about shape and size. 	<p>Compose and decompose shapes so that children recognise a shape can have other shapes <i>within</i> it, just as numbers can.</p>