



Mathematics Skills Progression

Mathematics- White Rose Maths					
Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<p style="text-align: center;">Match, sort and compare</p> <p>Match objects, match pictures and objects, identify a set, sort objects to a type, explore sorting techniques, create sorting rules, compare amounts.</p> <p style="text-align: center;">Talk about measure and patterns</p> <p>Compare size, compare mass, compare capacity, explore simple patterns, copy and continue simple patterns, create simple patterns.</p>	<p style="text-align: center;">Circles and triangles</p> <p>Identify and name, compare, shapes in the environment, describe position.</p> <p style="text-align: center;">1, 2, 3, 4, 5</p> <p>Find 4 and 5, subitise 4 and 5, represent 4 and 5, 1 more, 1 less, composition of 4 and 5, composition of 1-5.</p> <p style="text-align: center;">Shapes with 4 sides</p> <p>Identify and name shapes with 4 sides, combine shapes with 4 sides, shapes</p>	<p style="text-align: center;">Alive in 5</p> <p>Introducing 0, find 0 to 5, subitise 0 to 5, represent 0 to 5, 1 more, 1 less, composition to 5, conceptual subitising to 5.</p> <p style="text-align: center;">Mass and capacity</p> <p>Compare mass, find a balance, explore capacity, compare capacity.</p> <p style="text-align: center;">Growing 6, 7, 8</p> <p>Find 6 to 8, represent 6 to 8, 1 more, 1 less, composition of 6 to</p>	<p style="text-align: center;">Length, height and time</p> <p>Talk about time, order and sequence time.</p> <p style="text-align: center;">Building 9 and 10</p> <p>Find 9 and 10, compare numbers to 10, represent 9 and 10, conceptual subitising to 10, 1 more, 1 less, composition to 10, bonds to 10, make arrangements to 10, bonds to 10, doubles to 10, explore odd and even.</p>	<p style="text-align: center;">To 20 and beyond</p> <p>Build numbers beyond 10, continue patterns beyond 10, build numbers beyond 10, verbal counting beyond 10, verbal counting patterns.</p> <p style="text-align: center;">How many now?</p> <p>Add more, take away, how many did I add/take away?</p> <p style="text-align: center;">Manipulate, compose, and decompose</p> <p>Select shapes for a purpose, rotate</p>	<p style="text-align: center;">Manipulate, compose, and decompose</p> <p>Compose shapes, decompose shapes, copy 2D shape pictures, find 2D within 3D.</p> <p style="text-align: center;">Sharing and grouping</p> <p>Explore sharing, explore grouping, odd and even sharing, play with and build doubles.</p> <p style="text-align: center;">Visualise, build and map</p> <p>Identify repeating patterns, create and</p>



<p>It's me 1, 2, 3 Find numbers to 3, subitise to 3, represent numbers to 3, 1 more, 1 less, composition of numbers to 3.</p>	<p>in the environment, my day and night.</p>	<p>8, make pairs (odd and even), doubles to 8, combine 2 groups, conceptual subitising.</p> <p>Length and height Explore length, compare length, explore height, compare height.</p>	<p>Explore 3-D shapes Recognise and name, find 2D within 3D, use 3D shapes for tasks, find shapes in the environment, identify more complex patterns, copy and continue patterns, patterns in the environment.</p>	<p>shapes, manipulate shapes, explain shape arrangements.</p>	<p>explore pattern rules, visualise from different positions, describe positions, give instructions to build, explore mapping, represent maps, create own maps.</p> <p>Make connections Deepen understanding, patterns and relationships.</p>
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Early Learning Goals	
Number	Numerical Patterns
<ul style="list-style-type: none"> • Have a deep understanding of number to 10, including the composition of each number. • Subitise (recognise quantities without counting) up to 5. 	<ul style="list-style-type: none"> • Verbally count beyond 20, recognising the pattern of the counting system.



- Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts.

- Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than, or the same as the other quantity.
- Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally.