

# Reception      WRM Long Term Plan

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Maths</b> White Rose	<p><b>Getting to know you (2 weeks - baseline)</b></p> <ul style="list-style-type: none"> <li>Establish maths through routines (tens frame buses, 100 days in school, calendar activities)</li> </ul> <p><b>Match, Sort &amp; Compare (2 weeks)</b></p> <ul style="list-style-type: none"> <li>Match objects</li> <li>Match pictures and objects</li> <li>Identify a set</li> <li>Sort objects to a type</li> <li>Explore sorting techniques</li> <li>Create sorting rules</li> <li>Compare amounts</li> </ul> <p><b>Talk about measure and patterns (2 weeks)</b></p> <ul style="list-style-type: none"> <li>Compare size</li> <li>Compare mass</li> <li>Compare capacity</li> <li>Explore simple patterns</li> <li>Copy and continue simple patterns</li> <li>Create simple patterns</li> </ul>	<p><b>It's Me 1, 2, 3 (2 weeks)</b></p> <ul style="list-style-type: none"> <li>Find 1, 2 and 3</li> <li>Subitise 1, 2 and 3</li> <li>Represent 1, 2 and 3</li> <li>1 more</li> <li>1 less</li> <li>Composition of 1, 2 and 3</li> </ul> <p><b>Circles and triangles (1 week)</b></p> <ul style="list-style-type: none"> <li>Identify and name circles and triangles</li> <li>Compare circles and triangles</li> <li>Shapes in the environment</li> <li>Describe position</li> </ul> <p><b>1, 2, 3, 4, 5 (2 weeks)</b></p> <ul style="list-style-type: none"> <li>Find 4 and 5</li> <li>Subitise 4 and 5</li> <li>Represent 4 and 5</li> <li>1 more</li> <li>1 less</li> <li>Composition of 4 and 5</li> <li>Composition of 1-5</li> </ul> <p><b>Shapes with 4 sides (1 week)</b></p> <ul style="list-style-type: none"> <li>Identify and name shapes with 4 sides</li> <li>Combine shapes with 4 sides</li> <li>Shapes in the environment</li> <li>My day and night</li> </ul>	<p><b>Alive in 5 (2 weeks)</b></p> <ul style="list-style-type: none"> <li>Introduce zero</li> <li>Find 0 to 5</li> <li>Subitise 0 to 5</li> <li>Represent 0 to 5</li> <li>1 more</li> <li>1 less</li> <li>Composition</li> <li>Conceptual subitising to 5</li> </ul> <p><b>Mass and Capacity (1 week)</b></p> <ul style="list-style-type: none"> <li>Compare mass</li> <li>Find a balance</li> <li>Explore capacity</li> <li>Compare capacity</li> </ul> <p><b>Growing 6, 7, 8 (2 weeks)</b></p> <ul style="list-style-type: none"> <li>Find 6, 7 and 8</li> <li>Represent 6, 7, and 8</li> <li>1 more</li> <li>1 less</li> <li>Composition of 6, 7 and 8</li> <li>Make pairs-odd and even</li> <li>Double to 8 (find a double)</li> <li>Double to 8 (make a double)</li> <li>Combine 2 groups</li> <li>Conceptual subitising</li> </ul> <p><b>Length, Height and Time (1 week)</b></p> <ul style="list-style-type: none"> <li>Explore length</li> <li>Compare length</li> <li>Explore height</li> <li>Compare height</li> <li>Talk about time</li> <li>Order and sequence time</li> </ul>	<p><b>Building 9 and 10 (3 weeks)</b></p> <ul style="list-style-type: none"> <li>Find 9 and 10</li> <li>Compare numbers to 10</li> <li>Represent 9 and 10</li> <li>Conceptual subitising to 10</li> <li>1 more</li> <li>1 less</li> <li>Composition to 10</li> <li>Bonds to 10 (2 parts)</li> <li>Make arrangements of 10</li> <li>Bonds to 10 (3 parts)</li> <li>Doubles to 10 (find a double)</li> <li>Doubles to 10 (make a double)</li> <li>Explore even and odd</li> </ul> <p><b>Explore 3D shapes (2 weeks)</b></p> <ul style="list-style-type: none"> <li>Recognise and name 3D shapes</li> <li>Find 2D shapes within 3D shapes</li> <li>Use 3D shapes for tasks</li> <li>3D shapes in the environment</li> <li>Identify more complex patterns</li> <li>Copy and continue patterns</li> <li>Patterns in the environment</li> </ul>	<p><b>To 20 and beyond (2 weeks)</b></p> <ul style="list-style-type: none"> <li>Build numbers beyond 10 (10-13)</li> <li>Continue patterns beyond 10 (10-13)</li> <li>Build numbers beyond 10 (14-20)</li> <li>Continue patterns beyond 10 (14-20)</li> <li>Verbal counting beyond 20</li> <li>Verbal counting patterns</li> </ul> <p><b>How many now? (1 week)</b></p> <ul style="list-style-type: none"> <li>Add more</li> <li>How many did I add?</li> <li>Take away</li> <li>How many did I take away?</li> </ul> <p><b>Manipulate, compose and decompose (2 weeks)</b></p> <ul style="list-style-type: none"> <li>Select shapes for a purpose</li> <li>Rotate shapes</li> <li>Manipulate shapes</li> <li>Explain shape arrangements</li> <li>Compose shapes</li> <li>Decompose shapes</li> <li>Copy 2D shape pictures</li> <li>Find 2D shapes within 3D shapes</li> </ul>	<p><b>Sharing and grouping (2 weeks)</b></p> <ul style="list-style-type: none"> <li>Explore sharing</li> <li>Sharing</li> <li>Explore grouping</li> <li>Grouping</li> <li>Even and odd sharing</li> <li>Play with and build doubles</li> </ul> <p><b>Visualise, build and map (3 weeks)</b></p> <ul style="list-style-type: none"> <li>Identify units of repeating patterns</li> <li>Create own pattern rules</li> <li>Explore own pattern rules</li> <li>Replicate and build scenes and constructions</li> <li>Visualise from different positions</li> <li>Describe positions</li> <li>Give instructions to build</li> <li>Explore mapping</li> <li>Represent maps with models</li> <li>Create own maps from familiar places</li> <li>Create own maps and plans from story situations</li> </ul> <p><b>Make connections (1 week)</b></p> <ul style="list-style-type: none"> <li>Deepen understanding</li> <li>Patterns and relationships</li> </ul>