

# Maths Yearly Overview

Year: Nursery



Autumn 1 Myself 1.1	Autumn 2 Colour and Light 1.2 (7weeks)	Spring 1 Winter 2.1 (6.5 weeks)	Spring 2 Space 2.2 (6 weeks)	Summer 1 Lifecycles and Growing 3.1 (5 weeks)	Summer 2 Animals (minibeasts) 3.2 (7 weeks)
<p>Maths meetings:</p> <p>Making comparisons between quantities.</p> <p>Using the language of quantities- more, a lot etc.</p> <p>Reciting numbers in order.</p> <p>Using the language of size- big, small etc.</p> <p><b>Objectives:</b></p> <p>Combine objects like stacking blocks and cups. Put objects inside others and take them out again. (B-3)</p> <p>Make comparison between objects relating to size, length, weight and capacity</p> <p>Understand position through words alone – for example, ‘The bag is under the table’ (with no pointing)</p> <p>Reciting numbers 1-5</p>	<p>Maths meeting:</p> <p>1:1 correspondence- counting objects saying the numbers in order.</p> <p>Representing numbers using fingers or marks on paper.</p> <p>Categorising objects in different ways- size/shape/colour.</p> <p><b>Objectives</b></p> <p>Talk about and identify the patterns around them. For example: stripes on clothes, designs on rugs and wallpaper. Use informal language like ‘pointy’, ‘spotty’, ‘blobs’ etc</p> <p>Reciting numbers 1-5</p> <p>Say one number for each item: 1,2,3</p> <p>Show ‘finger numbers up to 3)</p> <p>Know the last number reached when counting a small set of objects tells</p>	<p>Maths meeting:</p> <p>Counting things other than objects- claps, jumps etc.</p> <p>Making pictures using 2d shapes- naming the shapes.</p> <p><b>Objectives</b></p> <p>Talk about and explore 2D and 3D shapes (e.g. circles, triangles, rectangles, cuboids) using mathematical language: sides, corners, straight, flat</p> <p>Select shapes appropriately: flat surfaces for building, a triangular prism for a roof</p> <p>Combine shapes to make new ones – an arch, a bigger triangle etc</p> <p>Reciting numbers 1-5</p> <p>Say one number for each item: 1,2,3,4</p>	<p>Maths meeting:</p> <p>Value- counting out objects from a group 1/2.</p> <p>Using positional language- behind, in on, under.</p> <p><b>Objectives</b></p> <p>Understand position through words alone – for example, ‘The bag is under the table’ (with no pointing)</p> <p>Discuss familiar routes and locations, using words ‘in front of’ and behind</p> <p>Describe a familiar route.</p> <p>Reciting numbers 1-10</p> <p>Say one number for each item: 1,2,3,4,5</p> <p>Show ‘finger numbers up to 5)</p> <p>Know the last number reached when counting a small set of objects tells you how many</p>	<p>Maths meeting:</p> <p>Value- counting out objects from a group up to 3</p> <p>Talking about shapes- using a feely bag to describe.</p> <p><b>Objectives</b></p> <p>Reciting numbers 1-10</p> <p>Say one number for each item: 1,2,3,4,5</p> <p>Show ‘finger numbers up to 5)</p> <p>Know the last number reached when counting a small set of objects tells you how many</p> <p>Link numerals and amounts</p> <p>Compare quantities to 5 using language ‘more than’ and ‘fewer than’</p> <p>Experiment with their own symbols and marks as well as numerals.</p>	<p>Maths meeting:</p> <p>Calculation- 1 more/fewer</p> <p>Consolidate value up to 3</p> <p><b>Objectives</b></p> <p>Compare quantities using language ‘more than’ and ‘fewer than’</p> <p>Experiment with their own symbols and marks as well as numerals.</p> <p>Solve real world mathematical problems with numbers up to 5.</p> <p>Extend and create ABAB patterns – stick, leaf, stick, leaf</p> <p>Notice and correct and error in a repeating pattern</p> <p>Begin to describe a sequence of events</p>

<p>Climb and squeeze themselves into different types of places.</p> <p><b>Provision –</b> Build with a range of resources. Small scale inside e.g. duplo/wooden blocks, large scale outdoor e.g. crates/planks</p> <p>Tuff tray- sorting objects by different properties e.g. colour/size. Comparing quantities.</p> <p>Provide a variety of containers in the sand/water to explore capacity and size.</p> <p>Gluing 2d shapes to create faces and bodies.</p> <p>Counting rhyme- 1 Elephant went out. Reciting numbers in order.</p>	<p>you how many there are in total (cardinal principle) Develop fast recognition of objects up to 3 (subitising)</p> <p>Link numerals and amounts: for example, showing the right number of objects to match the numerals</p> <p><b>Provision-</b> Tuff tray-subitising up to 3 using autumn objects.</p> <p>Pattern display in the number area with questions to prompt discussion.</p> <p>Home corner- matching the correct amount of candles to the cakes.</p> <p>Using sorting trays to sort a variety of objects by colour. Explore other possible ways to sort the objects.</p> <p>Counting rhyme- 1 Little Leaf. Reciting numbers in order. Touch counting amounts.</p>	<p>Show 'finger numbers up to 4)</p> <p>Know the last number reached when counting a small set of objects tells you how many</p> <p>Link numerals and amounts</p> <p><b>Provision-</b> Creating pictures using 2d shapes.</p> <p>Construction area- prompts to create buildings using 2d/3d shapes.</p> <p>Home corner- ordering bowls/chairs by size and courting them-linked to Goldilocks.</p> <p>Describe patterns on mittens and play a matching game.</p> <p>Couting rhyme- 5 Jolly Snowmen. Showing amounts on fingers/counting sets.</p>	<p>Link numerals and amounts</p> <p><b>Provision-</b> Tuff tray- rocket following different routes using positional language.</p> <p>Using the Beebot dressed as a rocket to follow a route.</p> <p>Value-counting out stars.</p> <p>Counting rhyme- 5 Little Men in a Flying Saucer. Matching numerals and amounts.</p>	<p>Solve real world mathematical problems with numbers up to 5.</p> <p><b>Provision-</b> Tuff tray- value, counting out caterpillars/butterflies</p> <p>Ordering plants by height and using size vocabulary.</p> <p>Building beanstalks and describing the size.</p> <p>Making repeating patterns with flowers.</p> <p>Counting rhyme- 5 Little Speckled Frogs. Comparing quantities/fewer.</p>	<p><b>Provision-</b> Tuff tray- creating ABAB pattern with coloured bugs.</p> <p>Creating ABAB patterns using natural objects in the garden.</p> <p>Compare animals using size vocabulary.</p> <p>Value- counting out bugs.</p> <p>Counting rhyme- 5 Little Monkeys. Comparing quantities/fewer.</p>
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