Long Term Curriculum Overview for Nursery

Mathematics

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Cardinality & Counting Accurate and consistent verbal counting to 5 **Measures** Understand and use specific attributes to compare height (taller and shorter rather than big and small) **Spatial Reasoning** Understand and use simple language of position that doesn't vary by viewpoint (in, on, under, next to) **Shape** Explore rotating and flipping objects to make a match (posting boxes, inset puzzles, jigsaws) **Sorting & Sequencing** Sort by a single property – colour	**Cardinality & Counting** 1:1 correspondence and cardinality to 3 subitising 1 and 2 **Measures** Understand and use specific attributes to compare length (long, short) **Spatial Reasoning** Understand and use language of position that can vary by viewpoint (in front, behind) **Shape** Explore construction with 3D shapes – combining shapes in two dimensions **Sorting & Sequencing** Sort by 2 properties - colour and size	**Cardinality & Counting** 1:1 correspondence and cardinality to 5 subitising 3 **Measures** Understand and use specific attributes for width and thickness (wide, narrow, thick, thin) **Spatial Reasoning** Understand and use everyday language of direction (up, down, through, over, under) **Shape** Explore pattern and picture making with 2D pattern blocks **Sorting & Sequencing** Sort using different combinations of properties (size attributes linked to measure, colour and shape)	**Cardinality & Counting** Begin to recognise numerals and match to sets **Measures** Understand and use specific attributes for weight/mass (heavy light, heavier, lighter) **Spatial Reasoning** Understand and use language of movement (forwards, backwards, sideways, turn) **Shape** Begin to notice properties of 3D shape and find shapes that are the same **Sorting & Sequencing** Simple AB sequences varying colour or size (continue and copy patterns)	**Cardinality & Counting** Conservation of number to 5 with order irrelevance **Comparison** Compare sets of objects – which has more, fewer – just by looking **Measures** Time – sequence of events **Spatial Reasoning** Discuss routes and the order and location of things seen extending vocab (in between, above, below, around, beside, across, along) **Shape** Explore more complex construction with 3D shapes – combining shapes to make arches and enclosures **Sorting & Sequencing** Simple AB sequences of sounds, actions and objects (make own patterns)	**Cardinality & Counting** Accurate and consistent verbal counting to 10 **Composition** Separate a group of three or four objects in different ways **Comparison** Making equal sets **Measures** Understand and use specific attributes for capacity and volume (full, empty, part full) Compare capacities **Spatial Reasoning** Understand and use language of distance (far away, near, how far?) **Shape** Begin to notice properties of 2D shapes and find shapes that are the same including on the faces of 3D shapes