(Black focus objectives are for N2 children and some N1 children)

## (Blue focus objectives are related objectives for younger children who have started Nursery in the term after their 2<sup>nd</sup> birthday)

Mathematics							
Autumn 1 Autumn 2 Spring 1	Spring 2	Summer 1	Summer 2				
Cardinality & Counting 1.1 1.1 Accurate and consistent verbal counting to 5 Singing Songs with number range 1–3Cardinality & Counting 2.1 one-to-one correspondence and cardinality to 3 2.2 subitising 1 and 2 Noticing one and lotsCardinality & Counting 3.1 one-to-one correspondence and cardinality to 3 3.2 subitising Singing Songs with number range 1–3Measures 1.1 Understand and use specific attributes to compare height (taller and small)Measures 2.1 Understand and use specific attributes to compare length (long, short) Understand and respond to language of big and smallSpatial Reasoning 2.1 Understand and use smallerMeasures 3.1 Understand and use smallerSpatial Reasoning 1.1 Understand and respond to simple language of position that doesn't vary by viewpoint (in, on, under, next to) Understand and respond to simple language of position in play (in, on)Spatial Reasoning 2.1 Understand and respond to simple language of direction (up, down)Spatial Reason and thick Reson and use simple language of understand and respond to simple language of understand and respond to simple language of (up, down)Spatial Reason and the simple language of understand and respond to simple language of understand and respond to simple language of (in, on)Understand and respond to simple language of understand and respond to simple language of (up, down)Understand and respond to simple language of understand and respond to simple language of (up, down)Understand and respondence cardinality to 3 a.1 Understand and respondence simple language of understand and respond to simple language of understand and respond	nting e andCardinality & Counting 4.1 Begin to recognise numerals and match to setsand b4.1 Begin to recognise numerals and match to setsand bNoticing pairs of objects and beginning to say 2 for this quantityd use or width narrow,Measures 4.1 Understand and use specific attributes for weight/mass (heavy light, heavier, lighter)bond to ull andSpatial Reasoning 4.1 Understand and use lighting d use ge of over,Spatial Reasoning and use language of movement (forwards, backwards, sideways, turn) Alongside 4.1 Understand and respond to language of movement	Cardinality & Counting 5.1 Conservation of number to 5 with order irrelevance Developing Counting like behaviours Comparison 5.1 Compare sets of objects – which has more, fewer – just by looking Notice when a set has considerably more (no need to count) and respond to word more Measures 5.1 Time – sequence of events (first, next, after, before, morning, afternoon, evening, yesterday, tomorrow) Understand and respond to language of now and next/later Make links to regular events in routine e.g. lunchtime Spatial Reasoning 5.1 Discuss routes and the order and location of things seen extending vocab (in between, above, below, around, beside, across, along) Understand and respond to language of turn/rotate	Cardinality & Counting 6.1 Accurate and consistent verbal counting to 10 Developing Counting Like behaviours Composition 6.1 Separate a group of three or four objects in different ways Understand and respond to language of enough/not enough Comparison 6.1 Making equal sets Understand and respond to language of the same Measures 6.1 Understand and use specific attributes for capacity (full, empty, part, full) Understand and respond to words linked to capacity like pour, fill, empty and full Spatial Reasoning 6.1 Understand and use language of distance (far away, near, how far?) Understand and respond to language of turn over/flip				

Shape 1.1 Explore rotating and flipping objects to make a match (posting boxes, inset puzzles, jigsaws) Play with Shape sorters and nesting cups – link to spatial words above Learn to line up blocks to make paths	Shape 2.1 Explore construction with 3D shapes – combining shapes in two dimensions Learn to stack blocks in a tower using flat surfaces. Stack then knock down – link to spatial words above	Shape 3.1 Explore pattern and picture making with 2D pattern blocks Try to match colours and shapes on very simple shape images. with 2D pattern blocks or simple inset puzzles with pictures in the holes	Shape 4.1 Begin to notice properties of 3D shape and find shapes that are the same Learn to stack blocks in a tower more efficiently by choosing biggest to go at the bottom and selecting lots of blocks that are the same	Shape 5.1 Explore more complex construction with 3D shapes – combining shapes to make arches and enclosures Play with simple inset puzzles where you need to turn the pieces to fit and make links to spatial vocab above	Shape 6.1 Begin to notice properties of 2D shapes and find shapes that are the same including on the faces of 3D shapes Try to match colours and shapes on simple Numicon images and make links to spatial vocab above
Sorting & Sequencing 1.1 Sort by a single property – colour Colour matching and using colour words blue, red and white Patterned songs and rhymes with simple actions	Sorting & Sequencing 2.1 Sort by 2 properties – colour and size Colour matching and using colour words yellow, green and black Patterned songs and rhymes with simple actions	Sorting & Sequencing 3.1 Sort using different combinations of properties (size attributes linked to measure, colour and shape) Colour matching and using colour words orange, purple and pink Patterned stories with simple actions	Sorting & Sequencing 4.1 Simple AB sequences varying colour or size (continue and copy patterns) Colour matching and using colour words brown, and grey	Sorting & Sequencing 5.1 Simple AB sequences of sounds, actions and objects (make own patterns) Size matching and using words big and small	

This sample long term plan is supported by a series of 5 courses and 34 sample weekly plans. For some sample activities for younger pre-school children, please watch the recorded zoom session.

