



Year Reception Autumn Term

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			Learning objectives:	Objectives; children will be taught to:	
				30-50 months	40-60+ months
Week 1	Number	Number and Place Value	To know and use numbers Children to build familiarity with the numicon shapes, counters, matching values and writing numerals. 1-5 See Introducing numicon shapes	Uses some number names and number language spontaneously. • Uses some number names accurately in play. • Recites numbers in order to 10.	• Recognise some numerals of personal significance. • Recognises numerals 1 to 5. • Counts up to three or four objects by saying one number name for each item. • Counts actions or objects which cannot be moved. • Counts objects to 10
Week 2	Number	Number and Place Value	To know and use numbers Children to build familiarity with the numicon shapes, counters, matching values and writing numerals. 6-10 See Introducing numicon shapes	Uses some number names and number language spontaneously. • Uses some number names accurately in play. • Recites numbers in order to 10.	• Recognise some numerals of personal significance. • Recognises numerals 1 to 5. • Counts up to three or four objects by saying one number name for each item. • Counts actions or objects which cannot be moved. • Counts objects to 10

Week 3	Number	Addition and Subtraction	<p>To add and subtract</p> <p>Focus on adding 1 more finding 1 less. Practically - introducing writing number sentences.</p> <p>See adding 1 more activity group 9 & 10</p>	<ul style="list-style-type: none"> • Sometimes matches numeral and quantity correctly. • Shows curiosity about numbers by offering comments or asking questions. • Compares two groups of objects, saying when they have the same number. 	<ul style="list-style-type: none"> • Says the number that is one more than a given number. • Finds one more or one less from a group of up to five objects, then ten objects. • In practical activities and discussion, beginning to use the vocabulary involved in adding and subtracting. • Uses the language of 'more' and 'fewer' to compare two sets of objects.
Week 4	Geometry	Properties of Shape	<p>Recognise, create and describe patterns.</p> <p>See Activity group 3 for ideas for pattern making and symmetry.</p>	<ul style="list-style-type: none"> • Shows an interest in shape and space by playing with shapes or making arrangements with objects. 	<ul style="list-style-type: none"> • Uses familiar objects and common shapes to create and recreate patterns and build models.
Week 5	Geometry	Properties of Shape	<p>Describe objects and shape.</p> <p>Matching numicon to sides of shapes</p>	<ul style="list-style-type: none"> • Shows interest in shape by sustained construction activity or by talking about shapes or arrangements. • Shows interest in shapes in the environment. • Uses shapes appropriately for tasks. • Shows an interest in shape and space by playing with shapes or making arrangements with objects. • Shows awareness of 	<ul style="list-style-type: none"> • Beginning to use mathematical names for 'solid' 3D shapes and 'flat' 2D shapes, and mathematical terms to describe shapes. • Selects a particular named shape.

				similarities of shapes in the environment.	
Week 7	Measure	Measures (weighing/size/length)	To use measures Order numicon based on its size/length	<ul style="list-style-type: none"> Beginning to talk about the shapes of everyday objects, e.g. 'round' and 'tall'. Shows awareness of similarities of shapes in the environment. 	<ul style="list-style-type: none"> Orders two or three items by length or height. Orders two items by weight or capacity.
Week 8	Number	Place value	To know and use numbers Ordering numicon - introduce number rod trays and ordering the values. Activity 3&5	<ul style="list-style-type: none"> Recites numbers in order to 10. 	Children count reliably with numbers from one to 20, place them in order
Week 9	Geometry	Position and Direction	To describe position, direction and movement	<ul style="list-style-type: none"> Uses positional language. 	<ul style="list-style-type: none"> Can describe their relative position such as 'behind' or 'next to'.
Week 10	Number	Number and Place Value	To know and use numbers Children to build familiarity with the numicon shapes, counters, matching values and writing numerals. 10-15 See Activity group 7	<ul style="list-style-type: none"> Recites numbers in order to 10. Knows that numbers identify how many objects are in a set. Beginning to represent numbers using fingers, marks on paper or pictures. Sometimes matches numeral and quantity correctly. 	<ul style="list-style-type: none"> Counts out up to six objects from a larger group. Selects the correct numeral to represent 1 to 5, then 1 to 10 objects. Counts an irregular arrangement of up to ten objects.
Week 11	Number	Number and Place Value	To know and use numbers Children to build familiarity with the numicon	<ul style="list-style-type: none"> Recites numbers in order to 10. Knows that numbers identify how many 	<ul style="list-style-type: none"> Counts out up to six objects from a larger group. Selects the correct

			shapes, counters, matching values and writing numerals. 15-20 See Activity group 7	objects are in a set. • Beginning to represent numbers using fingers, marks on paper or pictures. • Sometimes matches numeral and quantity correctly.	numeral to represent 1 to 5, then 1 to 10 objects. • Counts an irregular arrangement of up to ten objects.
Week 12	Number	Addition and Subtraction	To add and subtract Activity group 8	• Compares two groups of objects, saying when they have the same number. • Shows an interest in number problems.	• In practical activities and discussion, beginning to use the vocabulary involved in adding and subtracting. Using quantities and objects, they add and subtract two single-digit numbers
Week 13	Measures	Measures (Time)	To use measurements	Anticipates specific time-based events such as mealtimes or home time. (22-36 months)	Uses everyday language related to time. Measures short periods of time in simple ways.