

MATHEMATICS Long Term Planning - Summary of RECEPTION Units

AUTUMN 1	AUTUMN 2
<ul style="list-style-type: none"> - Counts objects, actions and sounds - Enjoys reciting numbers from 0 to 10 and back from 10 to 0 - Count beyond 10 - Link the number symbol (numeral) with its cardinal number value. - Compare size, length, weight and capacity. - Continue, copy and create repeating patterns. 	<ul style="list-style-type: none"> - Subitise, for example, identify small quantities in familiar patterns, i.e. dice. Identify the number of objects from hide/reveal activities without counting etc. - Estimate how many objects they can see and checks by counting them. - Increasingly confident at putting numerals in order 0 to 10 (ordinality) - Chooses familiar objects to create and recreate repeating patterns beyond AB patterns and begins to identify the unit of repeat
SPRING 1	SPRING 2
<ul style="list-style-type: none"> - Understand the 'one more than/one less than' relationship between consecutive numbers. - Explore the composition of numbers to 10 exploring partitioning in different ways with a wide range of objects - Compare numbers using number names and symbols - Select, rotate and manipulate shapes in order to develop spatial reasoning skills. 	<ul style="list-style-type: none"> - In practical activities, adds one and subtracts one with numbers to 10 - Begin to explore and work out mathematical problems, using signs and strategies of their own choice, including (when appropriate) standard numerals, tallies and "+", "-", "=" - Compose and decompose shapes so that children recognise a shape can have other shapes within it, just as numbers can.
SUMMER 1	SUMMER 2
<ul style="list-style-type: none"> - ELG Subitise (recognise quantities without counting) up to 5 - ELG Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts. - ELG Verbally count beyond 20, recognising the pattern of the counting system 	<ul style="list-style-type: none"> - ELG Have a deep understanding of number to 10, including the composition of each number - ELG Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally - Automatically recall number bonds for numbers 0-10. - ELG Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity