

	Nursery	Reception	ELG	Key vocab	Learning outcomes
Number	- To sing counting rhymes, counting forward and back to 5. - To count on fingers to 5. - To begin to count objects and actions.	- Count forward and back to 10. - Count out 5 objects from a larger group. - Begin to subitise. - Begin to partition numbers. - Begin to identify number that equal 5 then 10. - Begin to recognise that doubles are addition of the same number.	- Have a deep understanding of number to 10, including the composition of each number. - Subitise (recognise quantities without counting) up to 5. - 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.	- Mastery of mathematics - Composition - Subitise - Number bond - Partition - Addition facts - Subtraction facts - Building and applying - Concrete manipulatives - Counting 1:1	- To demonstrate counting forwards and backward in sequence. - To accurately count objects including counting out from a larger group and things that cannot be moved. - To recognize numerals and match them with quantities of objects. - To subitise. - To compare objects and quantities and identify where they are equal, more and less. - To say the number 1 more or less than a given number to 10 and describe how they know1. - To recognise numbers are made up of two or more smaller numbers.
Numerical patterns	- To observe patterns around them - To use objects to create patterns including repeating patterns. - To explore properties of objects including size, height and length.	- Verbally count in 1s, 2s and 5s to 100. - Use number lines and objects to identify and describe patterns in numbers. - To explore how to share objects equally. - To explore odd and even numbers.	- Verbally count beyond 20, recognising the pattern of the counting system. - Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity. - Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally.	- Patterns - Connections - Counting - Counting 1 - Spatial reasoning - Greater - Fewer 1 more3 1 less - Odds - Evens - Doubles - Halves - Sharing	- To count forwards and back in sequence. - To count objects including counting out from a larger group and things that cannot be moved. - Understand 1 more/less relationship between numbers. - Describe how to recognise odd and even numbers. - To describe how they know when objects have been shared equally. - To identify patterns in the environment including repeating patterns. - To continue, identify and compose patterns. - To begin to understand what happens when shapes move or are combined. - To compare two objects according to size, weight, length or height. - To use simple non-standard units such as cubes to measure things.