Mathematics

Reception Medium Term Plan

Early Learning Goals

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.

Numerical Patterns

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.

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Count objects, actions, and sounds. Subitise Matching. Sorting & Comparing Comparing amounts Comparing size, mass & capacity Exploring pattern.	Represent, compare and explore the composition of numbers to 5 Subitise Understand the difference between circles, triangles and 4- sided shapes. Use positional language Find one more and one less	Subitise Begin to understand time: Night and day Compare numbers to 5 Composition of 4 and 5 Compare mass and capacity Composition of 6, 7 and 8 Make pairs Combine 2 groups	Subitise Length and Height Time Composition of 9 and 10 Compare numbers to 10 Number bonds to 10	Subitise 3D shapes Patterns Build numbers beyond 10 Count patterns beyond 10 Spatial reasoning Adding more	Subitise Taking away Doubling Sharing and grouping Even and odd Spatial reasoning Deepening understanding Patterns and relationships

Mastering Number: EYFS

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
- Subitise 3 and 4 - Counting sequences/ -1 correspondence - Composition of number 4 - All numbers are made of 1s	- Subitise 5 - Explore cardinality of 5 - Begin to count beyond 5 - Explore concept of wholes and parts - Composition of 5	- Subitise 5 cont. - Explore patterns of number beyond 5 - Develop verbal counting, 20 and beyond - Use fingers to represent quanitites between 5-10	-Explore un/symmetrical patterns - Consolidate cardinality within 10 - Familiarise pattern to 20 - Explore composition of odd and even numbers - Even numbers/doubles	-Subitise numbers in different patterns - Subitise structured/unstructured within 10 - Appropriate to count/subitise	Consolidation of all concepts with a variety of contexts

- Compare sets by looking and language more than/fewer than	- Compare sets by looking/subitising and matching	- Composition of 5/ hidden/missing parts - Compare sets and explore equal/unequal	- Composition of numbers within 10 - Reason with 'howmanyness' of numbers	- Develop verbal counting, 20 and beyond - Composition of 10 - Order sets of objects - Understand ordinal system	