Moorgate Primary Academy
Reception Maths Long Term Overview

Reception – Autumn						
Shape - Describe a 3D shape using hands on exploration and play. Children need to use their own familiar language - Name a square, rectangle, triangle and circle and describe similarities and differences. - Name the faces of 3D shapes using the name of a 2D shape eg. The faces on a cube are squares.	**Numbers to 5** -Count to 5 and back from 5 -Represent 1-5 with a numeral -Represent 1-5 with a picture or with concrete resources	**Comparing groups within 5** -Compare groups of identical objects using the language more, fewer and less. -Compare identical groups in different orientations -Compare groups using non-identical objects	**Change within 5** - Find one more within 5 eg. One more than 3. - Find one less within 5 eg One less than 2	**Number bonds within 5** -Begin to use the vocabulary of 'whole' and 'part' -Break a whole into parts using a part-whole model -Find number bonds to 3, 4 and 5	**Space** -Draw representations of items children see - Use the positional language of 'on', 'in', 'up', 'down' and 'across' to describe the position of objects -Use the above language to describe a route.	**Numbers to 10** -Count up to 8 objects and show them using concrete representation. -Use counters as a representation - Count to 10 and use the numbers 9 and 10. -Use a ten frame to support counting to 10.

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Reception – Spring						
Comparing numbers within 10 Have a deep understanding of number to 10, including the composition of each number. Subitise (recognise quantities without counting) up to 5. Compare quantities up to 10 in different contexts, (recognising when one quantity is greater than, less than or the same as the other quantity).	**Addition to 10** 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. Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same	**Measure** Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity.	**Number bonds to 10** 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.	**Subtraction** Have a deep understanding of number to 10, including the composition of each number.	**Geometry** Continue, copy and create repeating patterns.	**Counting on and counting back** Have a deep understanding of number to 10, including the composition of each number

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	as the other quantity.					
Reception – Summer						
Numbers to 20 Verbally count beyond 20, recognising the pattern of the counting system	**Unit 16 – Numerical patterns** Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally.	**Shape** Select, rotate and manipulate shapes in order to develop spatial reasoning	**Measure** Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity.	**Sorting** Introduction to sorting	**Time** Introduction to time	**Recap**