

## Mathematics Long Term Plan: Reception Autumn

| Strand                            | Unit          |        | Week title                | Early Learning Goal  | Evaluation/ Comments   |
|-----------------------------------|---------------|--------|---------------------------|--|--|
| Number – number and place value   | Maths Mastery |        | Week 1 -5                 | Perceptual subitising<br>Counting, cardinality and ordinality, Composition and Comparison. | Have a deep understanding of number to 10, including the composition of each number.<br>Subitise (recognise quantities without counting) up to 5.<br>Recognise the pattern of the counting system.   |
|                                   | Power Maths   | Unit 1 | Numbers to 5              | Counting to 1, 2 and 3   |  |
|                                   |               |        |                           | Counting to 4  |  |
|                                   |               |        | Counting to 5             |  |  |
| Number – number and place value   | Maths Mastery |        | Week 6 -10                | Counting, ordinality and cardinality, comparison and composition,                          | Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity.<br>Subitise (recognise quantities without counting) up to 5.                                  |
|                                   | Power Maths   | Unit 2 | Comparing groups within 5 | Comparing quantities of identical objects<br>Comparing quantities of non-identical objects |  |
| Geometry – properties of shape    | Power Maths   | Unit 3 | Shape                     | 3D shapes<br>2D shapes   | <i>There is no specific ELG related to this unit. This unit supports the Development Matters statement Select, rotate and manipulate shapes in order to develop spatial reasoning.</i>   |
| Number – addition and subtraction | Maths Mastery |        | Week 11 -15               | Subitising, Counting, ordinality and cardinality, Composition, comparison                  | Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity.   |
|                                   | Power Maths   | Unit 4 | Change within 5           | One more/ one less   |  |
| Number – addition and subtraction | Maths Mastery |        | Week 16 - 20              | Subitising, Counting, ordinality and cardinality, Composition, comparison                  | Have a deep understanding of number to 10, including the composition of each number.<br>Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 and some number bonds to 10, including double facts. |
|                                   | Power Maths   | Unit 5 | Number bonds within 5     | Introducing the part-whole model   |  |
| Geometry – properties of shape    |               | Unit 6 | Space                     | Spatial awareness  | <i>There is no specific ELG related to this unit. This unit supports the Development Matters statement Select, rotate and manipulate shapes in order to develop spatial reasoning skills.</i>  |

## Mathematics Long Term Plan 2022-2023: Reception Spring

| Strand                          | Unit          |             | Week title   | Early Learning Goal   | Evaluation/ Comments   |
|---------------------------------|---------------|-------------|--|---|--|
| Number – number and place value | Maths Mastery | Week 21 -25 | Perceptual subitising<br>Counting, cardinality and ordinality, Composition and Comparison. | Have a deep understanding of number to 10, including the composition of each number.<br>Automatically recall number bonds to 5 and some 0-10.   |  |
|                                 | Power Maths   | Unit 7      | Numbers to 10<br>Counting to 6, 7, and 8<br>Counting to 9 and 10                           | Recognise 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.<br>Is able to recognise patterns within numbers to 10. |  |
| Number – number and place value | Power Maths   | Unit 8      | Comparing numbers within 10.   | Comparing groups up to 10.  | Can compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as another quantity.   |
| Number - addition               | Power Maths   | Unit 9      | Addition to 10.  | Combining two groups to find the whole.   | Automatically recall number bonds to 5 and some 0-10. Recognise 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.<br>Verbally counts beyond 20, recognising the pattern of the counting system. |
| Measures                        | Power Maths   | Unit 10     | Measure length, height & Weight  | Length, Height and Distance<br>Weight   | <i>There is no specific ELG related to this unit. This unit supports the Development Matters Statement Select, rotate and manipulate shapes in order to develop spatial reasoning skills.</i>  |
| Number – addition               | Power Maths   | Unit 11     | Number bonds to 10   | Using a tens frame  |  |

Commented [T1]:

|                             |                    |         |                    |  |   |  |
|-----------------------------|--------------------|---------|--------------------|--|---|--|
| <i>and subtraction</i>      |                    |         |                    | Part, part whole to 10   | <p>Have a deep understanding of number to 10, including the composition of each number.</p> <p>Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 and some number bonds to 10, including double facts.</p> <p>Verbally counts beyond 20, recognising the pattern of the counting system.</p> |  |
| <i>Number - Subtraction</i> | <i>Power Maths</i> | Unit 12 | Subtraction        | Subtraction  | <p>Have a deep understanding of number to 10, including the composition of each number.</p>   |  |
| <i>Numerical Patterns</i>   | <i>Power Maths</i> | Unit 13 | Exploring Patterns | <p>Making simple patterns</p> <p>Exploring more complex patterns</p> | <p>There is no specific ELG related to this unit. This unit supports the Development Matters Statement Select, rotate and manipulate shapes in order to develop spatial reasoning skills.</p>   |  |

**Mathematics Long Term Plan 2022-2023: Reception Summer**

| Strand                          |             | Unit    | Week title           | Early Learning Goal               | Evaluation/ Comments  |
|---------------------------------|-------------|---------|----------------------|-----------------------------------|---|
| Number – number and place value | Power Maths | Unit 14 | Counting on and Back | Adding by counting on             | <p>Have a deep understanding of number to 10, including the composition of each number.</p> <p>Automatically recall number bonds to 5 and some 0-10.</p> <p>Recognise 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.</p> <p>Is able to recognise patterns within numbers to 10.</p> |
|                                 |             |         |                      | Subtracting by counting back      |   |
| Number – number and place value | Power Maths | Unit 15 | Number to 20.        | Counting to 20.                   | Verbally counts beyond 20, recognising the pattern of the counting system.  |
| Number - Patterns               | Power Maths | Unit 16 | Numerical Patterns   | Doubling                          | Is able to explore and represent patterns within numbers to 10, including evens and odds, double facts and how quantities can be distributed equally.   |
|                                 |             |         |                      | Halving and sharing               |   |
|                                 |             |         |                      | Odds and Evens                    |   |
| Geometry – properties of shape  | Power Maths | Unit 17 | Shape                | Composing and decomposing shapes. | <i>There is no specific ELG related to this unit. This unit supports the Development Matters Statement Select, rotate and manipulate shapes in order to develop spatial reasoning skills.</i>   |
| Measures                        | Power Maths | Unit 18 | Measure              | Volume and capacity               | <i>There is no specific ELG related to this unit. This unit supports the Development Matters Statement Select, rotate and manipulate shapes in order to develop spatial reasoning skills.</i>   |