

LOWER HEATH CE PRIMARY MATHEMATICS LONG TERM PLAN Reception

AUTUMN			
STRAND	UNIT	WEEK	EARLY LEARNING GOAL
Number and Place Value	UNIT 1. Numbers to 5	1. Counting to 1, 2 and 3 2. Counting to 4 3. Counting to 5	<ul style="list-style-type: none"> • Have a deep understanding of number to 10, including the composition of each number. • Subitise (recognise quantities without counting) up to 5. • Recognise the pattern of the counting system.
Number and Place Value	UNIT 2. Comparing groups within 5	4. Comparing quantities of identical objects 5. Comparing quantities of identical objects	<ul style="list-style-type: none"> • Compare quantities up to 10 in different contexts, recognising • when one quantity is greater than, less than or the same as the other quantity. • Subitise (recognise quantities without counting) up to 5.
Geometry - Properties of Shape	UNIT 3. Shape	6. 3-D Shapes 7. 2-D Shapes	<ul style="list-style-type: none"> • There is no specific ELG related to this unit. This unit supports the Development Matters statement <i>Select, rotate and manipulate shapes in order to develop spatial reasoning.</i>
Number - Addition and Subtraction	UNIT 4. Change within 5	8. 1 more 9. 1 less	<ul style="list-style-type: none"> • 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 - Addition and Subtraction	UNIT 5. Number Bonds within 5	10. Introducing the part-whole model	<ul style="list-style-type: none"> • Have a deep understanding of number to 10, including the composition of each number. • Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 and some number bonds to 10, including double facts.
Geometry - Properties of Shape	UNIT 6. Space	11. Spatial Awareness	<ul style="list-style-type: none"> • There is no specific ELG related to this unit. This unit supports the Development Matters statement <i>Select, rotate and manipulate shapes in order to develop spatial reasoning.</i>

SPRING

STRAND	UNIT	WEEK	EARLY LEARNING GOAL
Number and Place Value	UNIT 7. Numbers to 10	1. Counting to 6, 7 and 8 2. Counting to 9 and 10	<ul style="list-style-type: none"> • Have a deep understanding of number to 10, including the composition of each number. • Subitise (recognise quantities without counting) up to 5. • Verbally count, (recognising the pattern of the counting system).
Number and Place Value	UNIT 8. Comparing Numbers within 10	3. Comparing groups up to 10	<ul style="list-style-type: none"> • 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, (recognizing when one quantity is greater than, less than or the same as the other quantity).
Number - Addition and Subtraction	UNIT 9. Addition to 10	4. Combining 2 groups to find the whole	<ul style="list-style-type: none"> • 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 as the other quantity.
Number- Number and Place Value	UNIT 10. Measure	5. Length, height and distance 6. Weight	<ul style="list-style-type: none"> • 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 - Addition and Subtraction	UNIT 11. Number Bonds to 10	7. Using a 10 frame 8. The part-whole model to 10	<ul style="list-style-type: none"> • 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 and some number bonds to 10, including double facts.
Number - Addition and Subtraction	UNIT 12. Subtraction	9. Subtraction	<ul style="list-style-type: none"> • Have a deep understanding of number to 10, including the composition of each number.
Geometry - Properties of shape	UNIT 13. Exploring patterns	10. Making simple patterns 11. Exploring more complex patterns	<ul style="list-style-type: none"> • There is no specific ELG related to this unit. This unit supports the Development Matters statement <i>Select, rotate and manipulate shapes in order to develop spatial reasoning.</i>

SUMMER			
STRAND	UNIT	WEEK	EARLY LEARNING GOAL
Number - Addition and Subtraction	UNIT 14 . Counting on and counting back	1. Adding by counting on 2. Take away by counting back	<ul style="list-style-type: none"> Have a deep understanding of number to 10, including the composition of each number.
Number and Place Value	UNIT 15. Numbers to 20	3. Counting to and from 20	<ul style="list-style-type: none"> Verbally count beyond 20, recognising the pattern of the counting system.
Number - Multiplication and Division	UNIT 16. Numerical patterns	4. Doubling 5. Halving and sharing 6. Odds and evens	<ul style="list-style-type: none"> Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally.
Geometry - Properties of shape	UNIT 17. Shape	7. Composing and decomposing shapes	<ul style="list-style-type: none"> There is no specific ELG related to this unit. This unit supports the Development Matters statement <i>Select, rotate and manipulate shapes in order to develop spatial reasoning.</i>
Number- Number and Place Value	UNIT 18. Measure	8. Volume and Capacity	<ul style="list-style-type: none"> 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 - Addition and Subtraction	UNIT 19. Sorting	9. Sorting into 2 groups	<ul style="list-style-type: none"> This unit is optional because sorting is not covered in the EYFS Framework or Development Matters guidance for Reception. It does provide an introduction to the concept of sorting, which will be useful in Year 1.
Measurement	UNIT 20. Time	10. My day	<ul style="list-style-type: none"> This unit is optional because time is not covered in the EYFS Framework or Development Matters guidance for Reception. It does provide a useful introduction to time, which will be covered in Year 1.