Reception Maths Progression

	Number	Numerical Patterns	Shape
Autumn	Develop the key skills of counting objects including saying the numbers in order and matching one number name to each item. Estimate and guess how many there might be before counting. Join in and sing counting songs and number rhymes. Listen to and enjoy stories that involve counting. Subitise to 5 and is begin to talk about the different ways that amounts of 5 can be made.	Use vocabulary 'more than', 'less than', 'fewer', 'the same as', 'equal to'. Distribute items evenly from a group. Count objects accurately to 10 using one to one correspondence and can identify when objects have the same, less that or more than. Recognise numbers to 10 and puts them in order.	Select, rotate and manipulate shapes in order to develop spatial reasoning skills. Use some shape names appropriately and understands prepositional language. Create a repeated pattern with colour and shape.
Spring	Look at small quantities in familiar patterns – for example a dice – and random arrangements, saying how many they can see. Use 5 frames and 10 frames to become familiar with the tens structure of the number system. Talk about how many spaces are filled or unfilled. Link the number symbol (numeral) with its cardinal number value. Confidently talk about the different ways that numbers can be made to 5 and apply this knowledge to numbers to 10. Link subtraction facts to composition of numbers to 5. Recall some double facts to 10.	Understand the 'one more than/one less than' relationship between consecutive numbers. Count beyond 10, noticing patterns within the structure of counting. Recognise patterns within number.	Compare length, weight and capacity. Continue, copy and create repeating patterns. Use mathematical language to compare and talk about shape and size.
Summer	Explore the composition of numbers to 10 Automatically recall number bonds for numbers 0-5/0-10. **ELG Number** Have a deep understanding of number 10, including the composition of each number. **ELG Number** Subitise (recognise quantities without counting) up to 5. **ELG Number** Automatically recall – without reference to rhymes, counting or other aids – number bonds up to 5. Recall some number bonds to 10, including doubling facts.	**ELG Numerical Patterns** Verbally count beyond 20, recognising the pattern of the counting system. **ELG Numerical Patterns** Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less that or the same as another quantity. **ELG Numerical Patterns** Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally.	Compose and decompose shapes so that children recognise a shape can have other shapes *within* it, just as numbers can. **No ELG relating to Shape and Space**