

Reception – Master of Maths

First milestone	<p>Count items carefully, one to one correspondence up to 5. Use counting to help solve problems and know that the last number counted tells me how many there are in total.</p> <p>Talk about, play with and explore common 2D and some 3D shape.</p> <p>To recognise and name triangle, square, circle and rectangle.</p> <p>To use embedded mathematical knowledge naturally in their play.</p> <p>Subitising amounts to 5, being able to talk about what they see and how they see it. For example, "There are 5, I can see 3 and 2".</p> <p>Begin to recognise and create ABAB patterns.</p>
Sophisticated vocabulary	Triangle, circle, square, rectangle, pattern, subitise
Second milestone	<p>Order representations of amounts to 5.</p> <p>Match numerals to amounts up to 5.</p> <p>To notice and correct an error in a simple ABAB repeating pattern.</p> <p>To begin to recognise number bonds to 5.</p> <p>To explore and manipulate common 2D shapes, recognising shapes within shapes and begin to talk about their properties.</p> <p>To begin counting beyond 10.</p> <p>To begin to recognise when an amount is more/fewer than or the same.</p>
Sophisticated vocabulary	Corner, sides, straight, flat, curved. More than, fewer than,
Third milestone	<p>Order representations of amounts to 10.</p> <p>Match numerals to amounts up to 10.</p> <p>To be able to find one more and one less for numbers to 5 and then to 10.</p> <p>To begin to recognise number bonds to 10.</p> <p>To begin to recognise and create more complex patterns.</p> <p>To recognise and name simple 3D shapes and talk about their properties, including a cube and cylinder.</p> <p>To confidently compare amounts using more/fewer than and the same as.</p> <p>To begin to recognise when an amount is odd or even.</p> <p>Represent maps with models (build scenes), describing position and give instructions.</p>
Sophisticated vocabulary	Cube, cylinder
Final milestone	<p>Who can show a deep understanding of numbers to 10, including composition, doubling, grouping and sharing, odds and evens and representation.</p> <p>Recognise patterns within the number system, subitise, compare quantities and recall number bonds to 5 and then to 10.</p> <p>To be able to count beyond 20, showing an understanding of the pattern.</p> <p>To compare length, height, weight and capacity using the correct terminology such as taller, shorter, heavier, lighter, longer,</p>

Sophisticated Vocabulary	Taller, shorter, heavier, lighter, longer, odd, even, double
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