

## Maths Composition Progression Overview EYFS

Composition								
NCETM Typical Progression ↓	Nursery				Reception			
	Baseline ready to start 3-4 years curriculum	Autumn	Spring	Summer & (YR Baseline to start YR curriculum)	Autumn	Spring	Summer	
<b>Part - whole: identifying smaller numbers within a number</b>	Plays with a range of toys that have parts to make a whole. (e.g. construction, jigsaws.)	Groups objects together in play. E.g. cups and saucers, knife and fork.			Identify parts and whole of objects.	Identify smaller numbers within a number - e.g. Numberblock 2 in Numberblock 3.  Describe composition. Stem sentence: _ and _ make _	Identify numbers within larger numbers.e.g. 3 and 3 in 6.	
<b>Inverse operations</b>			I know when I have split a group of 2 objects, when I collect them back together there will still be 2.	I know when I have split a group of 3 objects, when I collect them back together there will still be 3.	Partition a number of things into two groups, recognise they can be recombined to make the same total.	Find missing parts.		

<p>A number can be partitioned into different pairs of numbers</p>					<p>Play with objects up to 5:          - composing 5 from two kinds of object and - partitioning 5 objects into parts.</p>	<p>Play with objects up to 8, composing and partitioning into parts. Explore different ways to represent numbers including: Number blocks, die frame, double dice frame, tens frame.</p>	<p>Play with objects up to 10, composing and partitioning into part. Explore different ways to represent numbers including : Number blocks, die frame, double dice frame, tens frame.</p>	<p>Have an understanding of the way amounts to 10 are made, and represent them in different ways.</p>
<p>A number can be partitioned into more than two numbers.</p>			<p>Split objects into different groups in play situations: 2 drinks for Daddy as he needs 1 and he is carrying the baby, everyone else just needs 1.</p>	<p>I can use 1 and another 1 and another 1... to make different totals.</p>	<p>Explore partitioning into different groups.</p>			
<p>Number bonds:</p>					<p>Know which pairs of numbers make 2,3,4.</p>	<p>Know which pairs make 5.          How many are hidden in a known number of objects.</p>	<p>Know some pairs of numbers that make 6,7,8, 9.10.           Make doubles using 2 equal parts.           Know some odd and even numbers.</p>	<p>Sort odd and even numbers.           Know some pairs of numbers that make 6,7,8, 9.10.</p>



