



## Reception Class Early Learning Goals – Maths



Mathematical Vocabulary – All Taken from Development Matters			
Three and Four-Year-Olds	Communication and Language		Use a wider range of vocabulary. Understand ‘why’ questions, like: “why do you think the caterpillar is so fat?”
Reception	Communication and Language		Learn new vocabulary. Use new vocabulary throughout the day.
ELG	Communication and Language	Speaking	Participate in small group, class and one-to-one discussions, offering their own ideas, using recently introduced vocabulary.
Number and Place Value			
Counting			
Three and Four-Year-Olds	Mathematics		Recite numbers past 5. Say one number name for each item in order: 1, 2, 3, 4, 5. Know that the last number reached when counting a small set of objects tells you how many there are in total (‘cardinal principle’).
Reception	Mathematics		Count objects, actions and sounds. Count beyond ten.
ELG	Mathematics	Numerical Patterns	Verbally count beyond 20, recognising the pattern of the counting system.
Identifying, Representing and Estimating Numbers			



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Three and Four-Year-Olds	Mathematics		Develop fast recognition of up to 3 objects, without having to count them individually ('subitising'). Show 'finger numbers' up to 5. Link numerals and amounts: for example, showing the right number of objects to match the numeral, up to 5. Experiment with their own symbols and marks as well as numerals.
Reception	Mathematics		Subitise. Link the number symbol (numeral) with its cardinal number value.
ELG	Mathematics	Number	Subitise (recognising quantities without counting) up to 5.
Reading and Writing Numbers			
Three and Four-Year-Olds	Mathematics		Link numerals and amounts: for example, showing the right number of objects to match the numeral, up to 5. Experiment with their own symbols and marks as well as numerals.
Reception	Mathematics		Link the number symbol (numeral) with its cardinal number value.
Compare and Order Numbers			
Three and Four-Year-Olds	Mathematics		Compare quantities using language: 'more than', 'fewer than'.
Reception	Mathematics		Compare numbers.
ELG	Mathematics	Numerical Patterns	Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity.
Understanding Place Value			



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Reception	Mathematics		Understand the 'one more than/one less than' relationship between consecutive numbers. Explore the composition of numbers to 10.
ELG	Mathematics	Number	Have a deep understanding of numbers to 10, including the composition of each number.
Solve Problems			
Three and Four-Year-Olds	Mathematics		Solve real world mathematical problems with numbers up to 5.
Addition and Subtraction			
Mental Calculations			
Reception	Mathematics		Automatically recall number bonds for numbers 0-5 and some to 10.
ELG	Mathematics	Number	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.
Solve Problems			
ELG	Mathematics	Numerical Patterns	Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed evenly.
Measurement			
Describe, Measure, Compare and Solve (All Strands)			
Three and Four-Year-Olds	Mathematics		Make comparisons between objects relating to size, length, weight and capacity.
Reception	Mathematics		Compare length, weight and capacity.