

# Mathematics Curriculum Objectives Year One

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Trinity Primary





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Year 1 Number				
	1.1	1.2	1.3	1.4 + application
Counting	<p>I can count to 20, forward and backwards</p> <p>I can count objects to 20</p>	<p>I can count to 50, forward and backwards</p> <p>I can count objects to 50</p>	<p>I can count to and across 100, forwards and backwards</p> <p>I can count to 100 in numerals</p> <p>I can count in multiples of 2, 5 and 10</p>	<p>I can count to and across 100, forwards and backwards from any given number</p> <p>I can count in multiples of 2, 5 and 10 from any number</p>
Place Value			I can recognise the place value of each digit in a two-digit number	I can recognise the place value of each digit in a two-digit number and order
Representing Number	<p>I can read and write numbers to 20</p> <p>I can use the language of bigger and smaller</p> <p>I know Numicon shapes to 10</p> <p>I know 1 more/1 less up to 20</p> <p>I know the symbol for addition (+) and equals (=)</p>	<p>I can read and write numbers to 50</p> <p>I can use the language of more and less</p> <p>I know Numicon shapes to 20</p> <p>I know 1 more/1 less up to 50</p> <p>I can read and write numbers to 10 in words</p> <p>I know the symbols for addition (+), subtraction (-) and equals (=)</p>	<p>I can read and write numbers to 100</p> <p>I can use the language of equal to, more than, less than (fewer), most, least</p> <p>I can make TU numbers using Numicon and/or Deines</p> <p>I know 1 more/1 less up to 100</p> <p>I can read and write numbers to 20 in words</p> <p>I can read and write an addition and subtraction number sentence e.g. <math>4 + 2 = 6</math></p>	<p>I can read and write numbers to 200 and beyond</p> <p>I can make HTU numbers using Deines</p> <p>I know 1 more/1 less up to 200 beyond</p> <p>I can read and write numbers to 20, and multiples of 10 to 100 in words</p> <p>I can write a number sentence to represent a word problem involving addition or subtraction</p>
Number Facts	<p>I can order numbers from 1 to 10 forward and backwards</p> <p>I know my number bonds to 5</p>	<p>I can order numbers from 1 to 20 forward and backwards</p> <p>I know my number bonds to 10</p>	<p>I can order numbers from 1 to 100 forward and backwards</p> <p>I know my number bonds to 10 and related subtraction facts</p>	<p>I can order numbers over 100 forward and backwards</p> <p>I know my number bonds to 20 and related subtraction facts</p>
Mental +/-	I can add/subtract to 5	I can add/subtract to 10	<p>I can add and subtract TU + U to 20</p> <p>I can add and subtract U+U+U mentally</p>	I can add and subtract TU + U to 50
Written +/-	I can use a number line to add and subtract to 10	I can use a number line to add and subtract to 20	I can use a number line to add and subtract to 50	I can use a number line to solve missing number addition/ subtraction problems such as $7 = \square - 9$ .



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Problems +/-		I can solve one-step problems with support/apparatus/ pictures	I can solve one-step problems that involve addition and subtraction (using simple vocab i.e. add, plus, takeaway, subtract)	I can solve one-step problems that involve addition and subtraction (using vocab i.e. sum, more than, minus, less than)
Number Facts (x/÷)	<p>I can double and halve numbers to 5</p> <p>I can recognise odd and even numbers to 10 using Numicon</p>	<p>I can double and halve numbers to 10</p> <p>I can recognise odd and even numbers 20</p>	<p>I can double numbers and halve numbers to 20</p> <p>I can recognise odd and even numbers to 50</p> <p>I can count in 10s from 0 to answer questions involving multiplication facts for the 10 multiplication table</p>	<p>I can use my knowledge to double and halve multiples of 10 and other significant doubles</p> <p>I can recognise odd and even numbers 100</p>
Written (x/÷)			I can use informal written methods when grouping i.e. 'grouping circles'	I can use informal written methods when sharing i.e. 'share in a square'
Problems (x/÷)		I can solve one-step problems with support/apparatus/ pictures	I can solve one-step problems that involve multiplication and division (using simple vocab i.e. groups of, share)	I can solve one-step problems that involve multiplication and division (using simple vocab i.e. sets of, lots of, times, split, divide)
Fractions	I can recognise, colour and cut things in $\frac{1}{2}$	I can recognise and find $\frac{1}{2}$ of a set of objects	I can find a $\frac{1}{2}$ and a $\frac{1}{4}$ of a shape or quantity	I can find a $\frac{3}{4}$ of a shape or quantity



## Mathematics Curriculum Objectives Year One

Year 1 Geometry, Measuring and Statistics				
	1.1	1.2	1.3	1.4 + application
Measures	<p>I can measure using non-standard units</p> <p>I can order objects in order of size</p>	<p>I can measure using a ruler</p> <p>I can say which is the heaviest/lightest, tallest/shortest and which holds more using direct comparison</p>	<p>I can measure using a tape measure, measuring jug and scales when measures are whole numbers</p> <p>I can say which is the heaviest/lightest, tallest/shortest, which holds more when given measures as whole numbers</p>	<p>I can measure/weigh using scales going up in 2s, 5s, and 10s</p> <p>I can solve measure problems which involve comparing in standard units</p>
Money	<p>I can recognise 1p, 2p, 5p, 10p, 20p, 50p, £1 and £2 coins</p> <p>I can choose coins to make a simple value up to 20p</p>	<p>I can recognise 20p, 50p, £1 and £2 coins</p> <p>I can choose coins to make a simple value up to 50p</p>	<p>I can recognise all coins and £5 and £10 notes</p> <p>I can choose coins to make any value up to £1</p> <p>I can recognise and use symbols for pounds (£) and pence (p);</p>	<p>I can recognise all coins and all notes</p> <p>I can choose coins to make any value up to £5</p> <p>I can solve simple problems in a practical context involving addition and subtraction of money</p>
Time	<p>I know the days of the week</p> <p style="color: red;">I can tell the time to the hour</p>	<p>I know the months of the year</p> <p style="color: red;">I can tell the time to the hour and half past</p>	<p>I know the name of a day before and after a given day</p> <p style="color: red;">I can tell the time to the hour and half past and draw the hands on a clock face</p>	<p>I know the name of a month before and after a given month</p> <p style="color: red;">I can tell the time to quarter past and quarter to and draw the hands on a clock face</p> <p>I know what the time will be in an hour from a given time</p>
2d shapes	I can name and sort squares and circles	I can name and sort squares, circles, rectangles	I can name and sort squares, circles, rectangles, triangles	I can name and sort common polygons, including pentagons and hexagons
3d shape	I can recognise cubes	I can name and sort cubes and spheres	I can name and sort cubes, cuboids and spheres	I can name and sort cubes, cuboids, spheres, pyramids and cones
Position & Direction	I can understand first, second and third	I can describe directions and movement for whole and half turns	I can describe directions and movement for whole and half and quarter turns	I can describe direction and movement, including whole, half, quarter and three-quarter turns
Interpreting Data	I can group objects into sets according to simple properties	I can answer simple questions by counting the number of objects in a category	<p>I can interpret and construct simple pictograms where pictures are worth 1 unit</p> <p>I can interpret simple tally charts and block diagram with intervals of 1</p>	



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