

Mathematics Curriculum Objectives Year Two

Trinity Primary





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Year 2 Number				
	2.1	2.2	2.3	2.4 + application
Counting	<p>I can count to and across 100, forwards and backwards</p> <p>I can count to 100 in numerals</p> <p style="color: red;">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 style="color: red;">I can count in multiples of 2, 5 and 10 from any number</p>	<p style="color: red;">I can count in multiples of 2, 5 and 10 forwards and backwards</p>	<p style="color: red;">I can count in multiples of 3 to at least 30 and 4 to at least 40</p>
Place Value	<p style="color: red;">I can recognise the place value of each digit in a two-digit number</p>	<p style="color: red;">I can recognise the place value of each digit in a two-digit number and order</p>	<p style="color: red;">I can recognise the place value of each digit in a two-digit number, partition and order</p> <p style="color: red;">I can compare numbers from 0 to 100 and use <, > and = signs</p>	<p style="color: red;">I can make the largest or smallest two-digit number with a given set of number cards</p> <p style="color: red;">I can compare numbers from 0 to 500 and use <, > and = signs</p>
Representing Number	<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. $4 + 2 = 6$</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>	<p>I can read and write numbers to 500 and beyond</p> <p>I can read and write numbers to at least 100 in words</p> <p>I know the symbols for multiplication (\times), division (\div)</p>	<p>I can write a number sentence to represent a word problem involving any operation</p>
Number Facts	<p>I can order numbers from 1 to 100 forward and backwards</p> <p style="color: red;">I know my number bonds to 10 and related subtraction facts</p>	<p>I can order numbers over 100 forward and backwards</p> <p style="color: red;">I know my number bonds to 20 and related subtraction facts</p>	<p style="color: red;">I know my number bonds to 20 and related subtraction facts fluently</p>	<p style="color: red;">I know my number bonds to 100 when they are powers of 10</p>



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Mental +/-	I can add and subtract TU + U to 20 I can add and subtract U+U+U mentally	I can add and subtract TU + U to 50	I can add and subtract including TU+U, TU+T to 100 I can show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot	I can add and subtract including TU+TU
Written +/-	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 $7 = \square - 9$.	I can use column addition and subtraction for TU+/-U, TU+/-TU	I can use column addition and subtraction for TU+/-U, TU+/-TU involving borrowing and carrying
Problems +/-	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)	I can solve 2-step problems with addition and subtraction	
Number Facts (x/÷)	I can double numbers and halve numbers to 20 I can recognise odd and even numbers to 50 I can count in 10s from 0 to answer questions involving multiplication facts for the 10 multiplication table	I can use my knowledge to double and halve multiples of 10 and other significant doubles I can recognise odd and even numbers 100	I can recall division facts for Pine I can recognise odd and even numbers to 100 and beyond	I can multiply by 10 and 100
Mental (x/÷)	My times are improving in Copper level times tables	I have completed Copper level times tables	I have completed Nickel level times tables I can show that multiplication of two numbers can be done in any order and division of one number by another cannot	My times are improving in Bronze level times tables
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'	I can use informal written methods for grouping and sharing i.e. 'grouping circles' and 'share in a square'	I can use informal written methods for grouping and sharing i.e. 'grouping circles' and 'share in a square' with remainders
Problems (x/÷)	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 vocab i.e. sets of, lots of, times, split, divide)	I am secure in solving one-step problems that involve multiplication and division using all relevant vocab	
Fractions	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	I can find, name and write $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity	Begin to solve simple problems involving $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ i.e. 12 cars, $\frac{3}{4}$ are red, how many are red?
Fraction Calculators			I can recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$	I know a $\frac{1}{2}$ and a $\frac{1}{2}$, and $\frac{3}{4}$ and $\frac{1}{4}$ equals a whole



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Year 2 Geometry, Measuring and Statistics				
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Measures	<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 and which holds more when given measurements 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>	<p>I can measure length/height (m/cm); mass (kg/g); capacity (litres/ml) to the nearest appropriate unit</p> <p>I can compare and order lengths, mass, volume/capacity and record the results using $>$, $<$ and $=$</p>	<p>I can measure temperature ($^{\circ}\text{C}$) using a thermometer</p>
Money	<p>I can recognise all coins and £5 and £10 notes</p> <p style="color: red;">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 style="color: red;">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>	<p style="color: red;">I can choose different combinations of coins to make any value up to £10</p> <p>I can solve simple problems including giving change</p>	<p style="color: red;">I can use the smallest amount of coins to make any value up to £10</p>
Time	<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>	<p>I know the number of minutes in an hour and the number of hours in a day</p> <p style="color: red;">I can tell the time to five minutes and draw the hands on a clock face</p> <p>I can solve simple interval problems using a blank timeline i.e. how many minutes from 9:15 to 10:00</p>	<p>I know the number of days in a year</p> <p>I can solve simple interval problems using a blank timeline i.e. how many minutes from 9:15 to 10:05</p>
2D Shapes	<p>I can name and sort squares, circles, rectangles, triangles</p>	<p>I can name and sort common polygons, including pentagons and hexagons</p>	<p>I can name and sort common polygons, including octagons and heptagons</p> <p>I can describe the properties of 2D shapes, including the number of sides and vertical lines of symmetry</p>	<p>I can name and sort polygons by number of sides, corners and lines of vertical symmetry</p> <p>I can use vocab including vertices, edges, faces and symmetry</p>



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3D Shapes	I can name and sort cubes, cuboids and spheres	I can name and sort cubes, cuboids, spheres, pyramids and cones	<p>I can name and sort 3-D shapes, including the number of edges, vertices and faces</p> <p>I can identify 2-D shapes on the surface of 3-D shapes</p>	
Position & Direction	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	I can distinguish between rotation as a turn including clockwise and anti-clockwise	
Interpreting Data	<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>		<p>I can interpret and construct simple pictograms where pictures are worth 2, 5 or 10 units</p> <p>I can interpret and make simple bar charts with intervals of 1 or 2</p>	<p>I can interpret and construct simple pictograms using half pictures</p> <p>I can interpret and make simple bar charts with intervals of 2, 5 and 10</p>
Extracting Info From Data			I can ask and answer one-step problems based on data including, which is most? which is the least? which is the most popular?	I can answer questions based on totalling all categories