

## Maths at Fawbert and Barnard's Primary School

The table below is a summary of the learning journey for each year group and how they are connected. Our learning journey has been developed using various resources including the [ready-to-progress criteria](#), NECTM, White Rose, Power Maths, and subject knowledge. The annual map is created in a spiral curriculum ensuring that learning is recapped over time termly building on prior knowledge.

Strand	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Number and Place value	<ul style="list-style-type: none"> <li>To recognise and explore the composition of numbers up to 10.</li> <li>Subitise to 6.</li> <li>Link the number symbol ( numeral) with its cardinal number value.</li> <li>Count beyond 10.</li> <li>Comparing numbers using the vocabulary more, less, fewer, same, equal to.</li> <li>Understand 'one more than/less than' consecutive numbers.</li> <li>Recall number bonds for numbers 0-5 and some to 10.</li> </ul>	<ul style="list-style-type: none"> <li>Count, read and write numbers to 100 in numerals</li> <li>Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number</li> <li>Identify and represent numbers up to 100 using objects and pictorial representations including the number line; use the language of: equal to, more than, less than (fewer), most, least</li> <li>Count, read and write numbers to 100 in numerals</li> <li>count in multiples of twos, fives and tens</li> <li>From a given number (up to 100), identify one more and one less</li> <li>read and write numbers from 1 to 20 in numerals and words</li> </ul>	<ul style="list-style-type: none"> <li>Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward or backward</li> <li>Use place value and number facts to solve problems.</li> <li>Recall place value of each digit in a two-digit number (tens, ones)</li> <li>Identify, represent and estimate numbers using different representations, including the number line</li> <li>Compare and order numbers from 0 up to 100; use &lt;, &gt; and = signs</li> <li>Read and write numbers to at least 100 in numerals and in words</li> </ul>	<ul style="list-style-type: none"> <li>Solve number problems and practical problems involving place value and rounding.</li> <li>Identify, represent and estimate numbers up to 4-digits using different representations</li> <li>Compare and order numbers up to 1000</li> <li>Count from 0 in multiples of 4, 50 and 100; find 10 or 100 more or less than a given number</li> </ul>	<ul style="list-style-type: none"> <li>Round any number to the nearest 10, 100, 1000 or 10 000</li> <li>Solve number and practical problems that involve place value and rounding and with increasingly large positive numbers</li> <li>Find 1000 more or less than a given number</li> <li>Count backwards through zero to include negative numbers</li> <li>Count in multiples of 6, 7, 9, 25 and 1000</li> <li>Recognise the place value of each digit in a five-digit number (ten thousands, thousands, hundreds, tens, and ones)</li> <li>Order and compare numbers up to and beyond 10 000</li> <li>Identify, represent and estimate numbers using different representations</li> </ul>	<ul style="list-style-type: none"> <li>Read, write and compare numbers to at least <u>1 000 000</u> and determine the value of each digit</li> <li>Count forwards or backwards in steps of powers of 10 from any given number up to 1 000 000</li> <li>Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 1 000 000</li> <li>Solve number problems and practical problems that involve number, place value and rounding up to 1 000 000</li> </ul> <p>Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers through zero</p>	<ul style="list-style-type: none"> <li>Use negative numbers up to and beyond 100 in context, and calculate intervals across zero</li> <li>Read, write, order and compare numbers up to 10 000 000 and determine the value of each digit</li> <li>Round any whole number to a required degree of accuracy up to and beyond 10 000 000</li> <li>Solve number and practical problems that involve number, place value and rounding up to and beyond 10 000 000</li> </ul>
Adding and subtracting		<ul style="list-style-type: none"> <li>Solve one- step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems</li> <li>Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs</li> </ul>	<ul style="list-style-type: none"> <li>Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot</li> <li>Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.</li> </ul>	<ul style="list-style-type: none"> <li>Estimate the answer to a calculation and use inverse operations to check answers</li> <li>Add and subtract numbers mentally, including: a three-digit number and ones a three-digit number and tens</li> </ul>	<ul style="list-style-type: none"> <li>Use both mental and written methods with increasingly large numbers to aid fluency</li> <li>Estimate and use inverse operations to check answers to a calculation</li> <li>Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate</li> </ul>	<ul style="list-style-type: none"> <li>Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction) decimals <u>and</u> <u>fractions</u> of values up to 1 000 000</li> <li>Add and subtract numbers mentally with increasingly large numbers of values up to 1 000 000</li> </ul>	<ul style="list-style-type: none"> <li>Solve multi-step problems involving addition, subtraction, multiplication and division of numbers up to 5 digits</li> <li>Continue to practise the four operations for larger numbers using the formal written methods of columnar addition and subtraction, short and long multiplication, and short and long division</li> </ul>

		<ul style="list-style-type: none"> <li>• Represent and use number bonds and related subtraction facts within 20</li> <li>• Add and subtract one-digit and two-digit numbers to 20, including zero</li> </ul>	<ul style="list-style-type: none"> <li>• Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: <ul style="list-style-type: none"> <li>- a two-digit number and ones</li> <li>- a two-digit number and tens</li> <li>- two two-digit numbers</li> <li>- adding three one-digit numbers</li> </ul> </li> <li>• Using concrete objects and pictorial representations, including those involving numbers, quantities and measures</li> <li>• Solve problems with addition and subtraction</li> <li>• Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100</li> </ul>	<p>a three-digit number and hundreds</p> <ul style="list-style-type: none"> <li>• Add and subtract numbers with up to three digits, using the efficient written methods of columnar addition and subtraction</li> <li>• Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction</li> </ul>	<ul style="list-style-type: none"> <li>• Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why</li> </ul>	<ul style="list-style-type: none"> <li>• Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy of values up to 1 000 000</li> <li>• Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why of values up to 1 000 000</li> </ul>	<ul style="list-style-type: none"> <li>• Multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication</li> <li>• Perform mental calculations, including with mixed operations and large numbers up to 10 000 000</li> <li>• Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why up to 10 000 000</li> <li>• Use estimation to check answers to calculations and determine, in the context of a problem, levels of accuracy</li> <li>• Identify common factors, common multiples and prime numbers up to 100</li> </ul> <p>Recall and use square numbers and cube numbers, and the notation for squared (<sup>2</sup>) (up to 12<sup>2</sup>) and cubed (<sup>3</sup>) (up to 5<sup>3</sup>)</p>
Multiplying and dividing		<ul style="list-style-type: none"> <li>• Counting in 5s, recognising patterns and recalling the 5 times table.</li> <li>• Understanding on how to make equal groups of 5</li> <li>• Recall counting in 2's and 10's</li> <li>• Use concrete objects, pictorial representations and arrays with the support of the teacher to create the 5 times table</li> <li>• Solve one-step problems involving multiplication and division, by calculating the answer</li> </ul>	<ul style="list-style-type: none"> <li>• Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot</li> <li>• Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers</li> <li>• Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division (÷) and equals (=) signs</li> </ul>	<ul style="list-style-type: none"> <li>• solve problems, including missing number problems, involving multiplication and division</li> <li>• Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables</li> <li>• Write and calculate mathematical two-digit numbers times one-digit numbers, using mental and progressing to formal written methods</li> </ul>	<ul style="list-style-type: none"> <li>• Solve problems involving multiplying and adding, to multiply three-digit numbers by one digit,</li> <li>• recall multiplication and division facts for multiplication tables up to 12 × 12</li> <li>• use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers</li> <li>• recognise and use factor pairs and commutativity in mental calculations</li> <li>• Multiply two-digit and three-digit numbers by a one-digit number using formal written layout</li> </ul>	<ul style="list-style-type: none"> <li>• Solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign of up to 4-digit numbers</li> <li>• Recall multiples and factors, including finding all factor pairs of a number and common factors of two numbers of numbers up to 100</li> <li>• Solve problems involving 4-digit multiplication and division where larger numbers are used by decomposing them into their factors</li> <li>• Know and use the vocabulary of prime numbers, prime factors and composite (non-prime)</li> </ul>	<ul style="list-style-type: none"> <li>• Use written division methods in cases where the answer has up to two decimal places</li> </ul>

						<p>numbers of numbers up to 100</p> <ul style="list-style-type: none"> <li>• Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers</li> <li>• Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context showing fractions or decimal answers</li> </ul> <p>Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates.</p>	
Fractions, decimals and percentages	<ul style="list-style-type: none"> <li>• Recognise, find and name a half as one of two equal parts of an object, shape or quantity</li> <li>• Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity</li> </ul>	<ul style="list-style-type: none"> <li>• Write simple fractions e.g. <math>\frac{1}{2}</math> of 6 = 3 and recognise the equivalence of two quarters and one half</li> <li>• Recognise, find, name and write fractions <math>\frac{1}{3}</math>, <math>\frac{1}{4}</math>, <math>\frac{2}{4}</math> and <math>\frac{3}{4}</math> of a length, shape, set of objects or quantity</li> </ul>	<ul style="list-style-type: none"> <li>• Add and subtract fractions with the same denominator within one whole</li> <li>• Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10</li> <li>• Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators.</li> <li>• Recognise and use fractions as numbers on the number line: unit fractions and non-unit fractions with small denominators</li> <li>• Recognise and show, using diagrams, equivalent fractions with small denominators</li> </ul>	<ul style="list-style-type: none"> <li>• Identify, name and write equivalent fractions of a given fraction, including tenths and hundredths and convert into decimals</li> <li>• Recognise and write decimal equivalents of any number of tenths or hundredths</li> <li>• Recognise and write decimal equivalents to <math>\frac{1}{4}</math>; <math>\frac{1}{2}</math>; <math>\frac{3}{4}</math></li> <li>• Count up and down in hundredths; recognise that hundredths arise when dividing an object by a hundred and dividing tenths by ten</li> <li>• Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number</li> <li>• Recall the effect of dividing a one- or two-digit number by 10 and 100,</li> </ul>	<ul style="list-style-type: none"> <li>• Convert confidently between percentages, decimals and fractions</li> <li>• Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams.</li> <li>• Compare and order fractions whose denominators are all multiples of the same number</li> <li>• Recognise mixed numbers and improper fractions and convert from one form to the other</li> <li>• Add and subtract fractions with the same denominator and multiples of the same number</li> <li>• Add and subtract decimals with a different number of decimal places</li> <li>• Round decimals with two decimal places to the nearest whole number and to one decimal place</li> </ul>	<ul style="list-style-type: none"> <li>• Multiply simple pairs of proper fractions, writing the answer in its simplest form</li> <li>• Divide proper fractions by whole numbers</li> <li>• Solve percentages of a quantity to any given percentage</li> <li>• Use a variety of images to support understanding of multiplication with fractions</li> </ul> <p>Use common factors to simplify fractions; use common multiples to express fractions in the same denomination</p> <ul style="list-style-type: none"> <li>• Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions</li> <li>• Identify the value of each digit to three decimal places and multiply and divide numbers by 10, 100 and 1000</li> </ul>	

				<ul style="list-style-type: none"> <li>• Compare and order unit fractions, and fractions with the same denominators</li> <li>• Solve problems that involve fractions</li> </ul>	<ul style="list-style-type: none"> <li>• Round decimals with one decimal place to the nearest whole number</li> <li>• Solve simple measure and money problems involving fractions and decimals to two decimal places</li> </ul>	<ul style="list-style-type: none"> <li>• Read, write, order and compare numbers with up to three decimal places</li> <li>• Solve problems and puzzles involving number up to three decimal places, checking the reasonableness of answers</li> <li>• Solve problems which require knowing percentage and decimal equivalents of <math>\frac{1}{2}</math>, <math>\frac{1}{4}</math>, <math>\frac{1}{5}</math>, <math>\frac{2}{5}</math>, <math>\frac{4}{5}</math> and those with a denominator of a multiple of 10 or 25.</li> </ul>	<p>where the answers are up to three decimal places</p> <ul style="list-style-type: none"> <li>• Multiply and divide numbers with up to two decimal places by one-digit and two-digit whole numbers</li> <li>• Solve problems which require answers to be rounded to specified degrees of accuracy and check the reasonableness of answers.</li> </ul>
Ratio and proportion							<ul style="list-style-type: none"> <li>• Solve problems involving the calculation of percentages (e.g. measures) such as 15% of 360 and the use of percentages for comparison</li> <li>• Link percentages of <math>360^\circ</math> to calculating angles of pie charts</li> <li>• Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts</li> <li>• Solve problems involving similar shapes where the scale factor is known or can be found</li> <li>• Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples</li> </ul>
Algebra							<ul style="list-style-type: none"> <li>• Find pairs of numbers that satisfy number sentences involving two unknowns.</li> <li>• Use symbols and letters to represent variables and unknowns in mathematical situations such as: <ul style="list-style-type: none"> <li>- missing numbers, lengths, coordinates and angles</li> <li>- mathematics and science formulae</li> </ul> </li> </ul>

							<ul style="list-style-type: none"> <li>- arithmetic rules</li> <li>• generalising number patterns</li> <li>• Express missing number problems algebraically</li> <li>• Use simple formulae expressed in words</li> <li>• Enumerate all possibilities of combinations of two variables</li> <li>• Generate and describe linear number sequences</li> </ul>
Measurements	<p>Compare length</p> <p>Compare weight</p> <p>Compare capacity</p>	<ul style="list-style-type: none"> <li>• Recognise and use language relating to dates, including days of the week, weeks, months and years;</li> <li>• Sequence events in chronological order using language [for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening]</li> <li>• Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times</li> <li>• Compare, describe, measure and solve practical problems for: <ul style="list-style-type: none"> <li>- Lengths and heights (</li> <li>- Mass or weight (e.g. heavy/light, heavier than, lighter than)</li> <li>- Capacity/volume (full/empty, more than, less than, quarter)</li> <li>- Time</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Compare and sequence intervals of time tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times know the number of minutes in an hour and the number of hours in a day</li> <li>• Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels</li> <li>• Compare and order lengths, mass, volume/capacity and record the results using &gt;, &lt; and =</li> <li>• Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value find different combinations of</li> </ul>	<ul style="list-style-type: none"> <li>• Add and subtract amounts of money to give change, using both £ and p in practical contexts.</li> <li>• Measure the perimeter of simple 2-D shapes</li> <li>• Measure, compare, add and subtract: length (m/cm/mm); mass (kg/g); volume/capacity (l/ml)</li> <li>• Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour <i>digital</i> clocks</li> <li>• Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes, hours and o'clock; use vocabulary such as a.m./p.m., morning, afternoon, noon</li> </ul>	<ul style="list-style-type: none"> <li>• Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres</li> <li>• Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.</li> <li>• Convert between different metric units of measure</li> </ul>	<ul style="list-style-type: none"> <li>• Understand and use equivalences between metric and common imperial units such as inches, pounds and pints</li> <li>• Calculate and compare the area and perimeter of rectilinear shapes including using standard units, square centimetres (cm<sup>2</sup>) and square metres (m<sup>2</sup>) and estimate the area of irregular shapes</li> <li>• Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres</li> <li>• Calculate and compare the area of squares and rectangles including using standard units, square centimetres (cm<sup>2</sup>) and square metres (m<sup>2</sup>) and estimate the area of irregular shapes</li> <li>• Estimate volume e.g. using 1cm<sup>3</sup> blocks to build cubes and cuboids and capacity</li> <li>• Solve problems involving converting between units of time</li> </ul>	<ul style="list-style-type: none"> <li>• Recognise when it is possible to use formulae for area and volume of shapes</li> <li>• calculate, estimate and compare volume of cubes and cuboids using standard units</li> <li>• Use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to three decimal places</li> <li>• Recognise that shapes with the same areas can have different perimeters and vice versa</li> <li>• Calculate the area of parallelograms and triangles, relating it to the area of rectangles</li> <li>• Solve problems involving the calculation and conversion of units of measure, using decimal notation to three decimal places where appropriate</li> </ul>

		<ul style="list-style-type: none"> <li>Recognise and know the value of different denominations of coins and notes</li> </ul>	coins that equal the same amounts of money			<ul style="list-style-type: none"> <li>Use all four operations to solve problems involving measure</li> </ul>	<ul style="list-style-type: none"> <li>convert between miles and kilometres and other units commonly used</li> </ul>
Geometry	<ul style="list-style-type: none"> <li>Compose and decompose shapes so that children recognise a shape can have other shapes within it just as numbers can</li> <li>Continue, copy and create repeating patterns</li> </ul>	<ul style="list-style-type: none"> <li>Recognise and name common 2-D shapes [for example, rectangles (including squares), circles and triangles]</li> <li>Recognise and name common 3-D shapes [for example, cuboids (including cubes), pyramids and spheres].</li> </ul>	<ul style="list-style-type: none"> <li>Identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid]</li> <li>Compare and sort common 2-D and 3-D shapes and everyday objects.</li> <li>Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line</li> <li>Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces</li> </ul>	<ul style="list-style-type: none"> <li>Identify horizontal and vertical lines and pairs of perpendicular and parallel lines</li> <li>Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations; and describe them</li> <li>Recognise that angles are a property of shape or a description of turn</li> <li>Identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle</li> </ul>	<ul style="list-style-type: none"> <li>Identify acute and obtuse angles and compare and order angles up to two right angles by size, <i>without using a protractor</i></li> <li>Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes</li> <li>Recall 2D and 3D shapes</li> </ul>	<ul style="list-style-type: none"> <li>Use angle sum facts and other properties to make deductions about missing angles</li> <li>Identify 3-D shapes, including cubes and other cuboids, from 2-D representations</li> <li>Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles</li> <li>Draw given angles, and measure them in degrees (°)</li> <li>Identify: <ul style="list-style-type: none"> <li>angles at a point and one whole turn (total 360°)</li> <li>angles at a point on a straight line and ½ a turn (total 180°)</li> <li>other multiples of 90°</li> </ul> </li> </ul> <p>Use the properties of rectangles to deduce related facts and find missing lengths and angles</p>	<ul style="list-style-type: none"> <li>Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius</li> <li>Recap how to draw 2-D shapes using given dimensions and angles</li> <li>Recognise, describe and build simple 3-D shapes, including making nets</li> <li>Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons</li> </ul>
Positioning, movement and Transformation	<ul style="list-style-type: none"> <li>Select, rotate and manipulate shapes.</li> </ul>	<ul style="list-style-type: none"> <li>Describe position, direction and movement, including whole, half, quarter and three-quarter turns.</li> </ul>	<ul style="list-style-type: none"> <li>use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise).</li> <li>Order and arrange combinations of mathematical objects in patterns</li> </ul>		<ul style="list-style-type: none"> <li>Describe movements between positions as translations of a given unit to the left/right and up/down</li> <li>describe positions on a 2-D grid as coordinates in the first quadrant</li> <li>Plot specified points and draw sides to complete a given polygon.</li> </ul>	<ul style="list-style-type: none"> <li>Identify coordinates after multiple step translation or reflection</li> <li>Identify, describe and represent the position of a shape following a reflection</li> <li>Translate a shape using the appropriate language and know that the shape has not changed.</li> </ul>	<ul style="list-style-type: none"> <li>Describe positions on the full coordinate grid (all four quadrants)</li> <li>Draw and translate simple shapes on the coordinate plane and reflect them in the axes.</li> <li>Predict missing coordinates of quadrilaterals by using the properties of shapes, which may be expressed algebraically</li> </ul>
Statistics			<ul style="list-style-type: none"> <li>Ask and answer simple questions about totalling and comparing categorical data using the data into a table</li> </ul>	<ul style="list-style-type: none"> <li>Interpret data presented in many contexts</li> <li>Interpret and present data using bar charts, pictograms and tables,</li> </ul>	<ul style="list-style-type: none"> <li>Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs and line graphs</li> </ul>	<ul style="list-style-type: none"> <li>Complete, read and interpret information in tables, including timetables.</li> </ul>	<ul style="list-style-type: none"> <li>Encounter and draw graphs relating two variables, arising from their own enquiry and in other subjects.</li> </ul>

			<ul style="list-style-type: none"> <li>• Interpret and construct simple pictograms, tally charts, block diagrams and simple tables</li> <li>• Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity</li> </ul>	<p>understanding and using simple scales e.g. 2, 5, 10 units per cm with increasing accuracy.</p> <ul style="list-style-type: none"> <li>• Solve one-step and two-step questions such as 'How many more?' and 'How many fewer?' using information presented in scaled bar charts and pictograms and tables</li> </ul>	<ul style="list-style-type: none"> <li>• Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs</li> </ul>	<p>Solve comparison, sum and difference problems using information presented in line graphs</p>	<ul style="list-style-type: none"> <li>• Interpret and construct pie charts and line graphs and use these to solve problems</li> <li>• Calculate and interpret the mean as an average.</li> </ul>
--	--	--	--	---	--	---	---