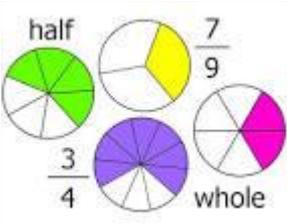
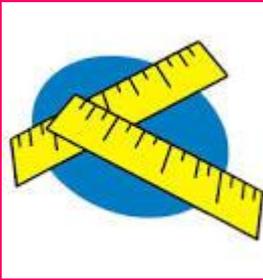




Year 2 Maths Curriculum - Overview of Objectives

Unit		Objectives
<p style="text-align: center;"><u>Unit 1</u></p> <p style="text-align: center;">To know and use numbers</p> 	1A	Count in steps of 2, 3 and 5 from 0.
	1B	Count in tens from any number, forwards and backwards.
	1C	Recognise the place value of each digit in a two digit number. (tens and ones) Extend to three digits.
	1D	Identify, represent and estimate numbers, using different representations, including the number line.
	1E	Compare and order numbers from 0 up to 100; use the < > and = signs.
	1F	Read and write numbers up to 100 in numerals and in words.
	1G	Use place value and number facts to solve problems.
	1H	Round two digit numbers to the nearest 10.
<p style="text-align: center;"><u>Unit 2</u></p> <p style="text-align: center;">To add and subtract</p> 	2A	Solve problems involving addition and subtraction: <ul style="list-style-type: none"> • Using concrete objects and pictorial representations, including those involving numbers, quantities and measures. • Applying their increasing knowledge of mental and written methods.
	2B	Recall and use addition and subtraction facts to 20 fluently and derive and use related facts up to 100.
	2C	Add and subtract numbers using concrete objects, pictorial representations, and mentally including: <ul style="list-style-type: none"> • A two digit number and ones. • A two digit number and tens. • Two two digit numbers. • Addition of three one digit numbers.
	2D	Show that addition of two digit numbers can be done in any order (commutative) and subtraction of one number from another cannot.
	2E	Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.
<p style="text-align: center;"><u>Unit 3</u></p> <p style="text-align: center;">To multiply and divide</p> 	3A	Recall and use multiplication facts and division facts for the 2, 5 and 10 times tables, including recognising odd and even numbers.
	3B	Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x) and division (÷) and equals (=) sign.
	3C	Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot.

	<p>3D Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in context.</p>
	<p>3E Understand that halving is the inverse of doubling and derive and recall doubles of all numbers to 20, and the corresponding halves.</p>
<p>Unit 4</p> <p>To use fractions</p> 	<p>4A Recognise, find, name and write fractions $\frac{1}{2}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity.</p> <p>4B Write simple fractions, for example $\frac{1}{2}$ of $6 = 3$ and recognise the equivalence of two quarters and one half.</p>
<p>Unit 5</p> <p>To use measures</p> 	<p>5A Choose and use appropriate standard units to estimate and measure length/height (m/cm); mass (kg/g); temperature (degrees celcius); capacity (l/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels.</p> <p>5B Compare and order lengths, mass, volume/capacity and record the results using $>$, $<$ and $=$.</p> <p>5C Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value.</p> <p>5D Find different combinations of coins that equal the same amounts of money.</p> <p>5E Solve simple problems involving addition and subtraction of money of the same unit, including giving change.</p> <p>5F Compare and sequence intervals of time.</p> <p>5G 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.</p> <p>5H Know the number of minutes in an hour and the number of hours in a day.</p>
<p>Unit 6</p> <p>To understand the properties of shapes</p> 	<p>6A Identify and describe the properties of 2D shapes, including the number of sides and line symmetry in a vertical line.</p> <p>6B Identify and describe the properties of 3D shapes, including the number of edges, vertices and faces.</p> <p>6C Identify 2D shapes on the surface of 3D shapes, for example a circle on a cylinder and a triangle on a pyramid.</p> <p>6D Compare and sort common 2D and 3D shapes and everyday objects.</p>

<p style="text-align: center;"><u>Unit 7</u></p> <p style="text-align: center;">To describe position, direction and movement</p> 	<p>7A</p>	<p>Order and arrange combinations of mathematical objects in patterns and sequences.</p>
	<p>7B</p>	<p>Use mathematical vocabulary to describe position, direction and movement, including movements in a straight line and distinguishing between rotation as a turn in terms of right angles for quarter, half and three quarter turns (clockwise and anti-clockwise) and movement in a straight line.</p>
<p style="text-align: center;"><u>Unit 8</u></p> <p style="text-align: center;">To use statistics</p> 	<p>8A</p>	<p>Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.</p>
	<p>8B</p>	<p>Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity.</p>
	<p>8C</p>	<p>Ask and answer questions about totalling and comparing categorical data.</p>