

St Stephens Community Academy - Maths Scheme of Learning (Year 2) 2016

Year 2	Autumn		Spring		Summer	
Week	1	2	1	2	1	2
1	<p>Number- Place value</p> <ul style="list-style-type: none"> Given a number, identify one more or one less. (Yr 1 obj) Counting to and across 100 forward & backward. (Yr 1 obj) Count in steps of 2, and 5 from 0 (forward and backward). 	<p>Number- Place value</p> <ul style="list-style-type: none"> Read and write numbers to at least 100 in numerals and in words. 	<p>Number- Place value</p> <ul style="list-style-type: none"> Compare and order numbers from 0 up to 100; use <, > and signs = 	<p>Number- Place value</p> <ul style="list-style-type: none"> Recognise the place value of each in a two-digit number (tens, ones) Use place value and number facts to solve problems. 	<p>Number- Place value</p> <ul style="list-style-type: none"> Use place value and number facts to solve problems 	<p>Number- Place value</p> <ul style="list-style-type: none"> Use place value and number facts to solve problems
2	<p>Number- Place value</p> <ul style="list-style-type: none"> Read and write numbers to at least 100 in numerals and in words. Recognise the place value of each digit in a two-digit number (tens, ones) 	<p>Number- Place value</p> <ul style="list-style-type: none"> Recognise the place value of each digit in a two-digit number (tens, ones). 	<p>Number- Addition</p> <ul style="list-style-type: none"> Add 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 	<p>Number- Subtraction</p> <ul style="list-style-type: none"> Subtract numbers using concrete objects, pictorial representations and mentally including: <ul style="list-style-type: none"> Two-digit numbers and ones Two-digit number and tens Two two-digit numbers 	<p>Number- Addition & Subtraction</p> <ul style="list-style-type: none"> Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems. 	<p>Number- Addition & Subtraction</p> <ul style="list-style-type: none"> 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 - adding three one digit numbers

<p>3</p>	<p>Number- Addition</p> <ul style="list-style-type: none"> Recall and use addition facts to 20 fluently, and derive and use related facts up to 100. Add numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and ones 	<p>Number- Subtraction</p> <ul style="list-style-type: none"> Recall and use and subtraction facts to 20 fluently, and derive and use related facts up to 100. 	<p>Number - Multiplication and Division</p> <ul style="list-style-type: none"> Recall and use multiplication and division facts for the 2,5 and 10 multiplication tables, including odd and even numbers. 	<p>Number- Fractions</p> <ul style="list-style-type: none"> Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity 	<p>Number - Multiplication and Division</p> <ul style="list-style-type: none"> Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (\times), division (\div) and equals (=) signs 	<p>Number - Multiplication and Division</p> <ul style="list-style-type: none"> Solve problems involving multiplication and division using materials, arrays, repeated addition, mental methods and multiplication and division facts including problems in context.
<p>4</p>	<p>Number- Addition</p> <ul style="list-style-type: none"> Add numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and ones 	<p>Number- Subtraction</p> <ul style="list-style-type: none"> Show subtraction of one number from another cannot be done in any order. 	<p>Number - Multiplication and Division</p> <ul style="list-style-type: none"> Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot. 	<p>Geometry- 2D & 3D Shapes, Position & Direction</p> <ul style="list-style-type: none"> Identify and describe the properties of 2D shapes including the number of sides and symmetry in a vertical line. 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) 	<p>Number- Fractions</p> <ul style="list-style-type: none"> Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a lengths, shape, and set of objects or quantity. Write simple fractions e.g. $\frac{1}{2}$ of 6 =3 and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$ 	<p>Measures- Time & Money</p> <ul style="list-style-type: none"> Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change. Know the number of minutes in an hour and the number of hours in a day

5	Number- Multiplication <ul style="list-style-type: none"> Recall and use multiplication for the 2,5 and 10 multiplication tables (including recognising odd and even numbers) 	Number- Division <ul style="list-style-type: none"> Recall and use the division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers. 	Measure – Money <ul style="list-style-type: none"> Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value. 	Measurement –Time <ul style="list-style-type: none"> 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. 	Statistics <ul style="list-style-type: none"> Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity. 	Measures - Capacity and Temperature <ul style="list-style-type: none"> Choose and use appropriate standard units to estimate and measure capacity (litres/ml) to the nearest appropriate unit and using appropriate measuring vessels. Choose and use appropriate standard units to estimate and measure temperature (°C)to the nearest appropriate unit.
6	Measurement- Time <ul style="list-style-type: none"> Tell and write the time to including quarter past/to the hour * and draw the hands on a clock face to show these times 	Geometry- 2D & 3D Shape <ul style="list-style-type: none"> Identify and describe the properties of 2-D, including the number of sides. Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces. 	Statistics <ul style="list-style-type: none"> Interpret and construct simple pictograms, tally charts, block diagrams and simple tables 	Measurement- Mass Length <ul style="list-style-type: none"> Choose and use standard units to estimate and measure length/height (m/cm) in any direction to the nearest appropriate unit, using rulers 	Geometry - Position and movement <ul style="list-style-type: none"> Identify and describe the properties of 3D shapes including the number of edges, vertices and faces. 	Assess + Review



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