

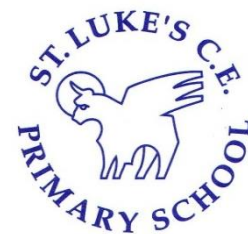
St Luke's CE Primary School



Medium Term Curriculum Map for Mathematics – NC 2014

Year 4 - Spring Term 1

Week	Topic / Coverage	Curriculum Objectives
1	<p>Place value, fractions and decimals</p> <p><i>Non-negotiable:</i> Recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$.</p>	<ul style="list-style-type: none"> ● To find the effect of dividing a one-or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths. ● To recognise and write decimal equivalents of any number of tenths or hundredths. ● To compare numbers with the same number of decimal places up to two decimal places.
2	<p><i>Non-negotiable:</i> Add and subtract numbers with up to 4 digits</p> <p>Addition and subtraction (including money)</p>	<ul style="list-style-type: none"> ● To add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate. ● To solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.
3	<p><i>Non-negotiable:</i> Recall multiplication and division facts for times tables up to 12 x 12</p> <p>Multiplication</p>	<ul style="list-style-type: none"> ● To 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. ● To solve problems involving multiplying. ● To recall multiplication and division facts for multiplication tables (up to 12 x 12).
4	<p>Area - Measurement</p>	<ul style="list-style-type: none"> ● To find the area of rectilinear shapes by counting squares. ● To find the area of rectilinear shapes by using multiplication skills.
5	<p><i>Non-negotiable:</i> Count backwards through 0 to include negative numbers</p> <p>Data</p>	<ul style="list-style-type: none"> ● To interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs. ● To solve comparison, sum and different problems using information presented in bar charts, pictograms, tables and other graphs.
6	<p>Review and assess</p>	<p>To include a link to History – Roman numerals , area of mosaic floors</p> <p>To include a link to Science – temperature</p>



St Luke's CE Primary School

Medium Term Curriculum Map for Mathematics – NC 2014

Year 4 - Spring Term 2

Week	Topic / Coverage	Curriculum Objectives
1	Place value, decimals and negative numbers Non-negotiable: Recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$.	<ul style="list-style-type: none"> ● Revisit - find the effect of dividing a one-or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths. ● To count backwards through zero to include negative numbers. ● To compare numbers with the same number of decimal places up to two decimal places. ● To count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten.
2	Addition and subtraction	<ul style="list-style-type: none"> ● To add and subtract numbers with up to 4 digits mentally. ● To add and subtract numbers with up to 4 digits –to use the formal written methods of columnar addition and subtraction where appropriate. ● To estimate and use inverse operations to check answers to a calculation.
3 & 4	Multiplication and division Non-negotiable: To count in multiples of 7 and 9	<ul style="list-style-type: none"> ● To recall multiplication and <i>division</i> facts for multiplication tables up to 12×12. ● To use place value, known and derived facts to multiply <i>and divide</i> mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers. ● To solve problems involving multiplying and division (using formal written methods).
5	Time, timetables and co-ordinates	<ul style="list-style-type: none"> ● To describe positions on a 2-D grid as coordinates in the first quadrant. ● To describe movements between positions as translations of a given unit to the left/right and up/down.
6	Assess and Review	