

St Luke's CE Primary School

Medium Term Curriculum Map for Mathematics - NC 2014

Autumn Term 2



Block	Coverage	Curriculum Objectives	Link to Non-negotiable
1	Fractions - equivalent, simplify, order	<p>Pupils should be taught to:</p> <ul style="list-style-type: none"> • use common factors to simplify fractions; use common multiples to express fractions in the same denomination • compare and order fractions, including fractions >1 • associate a fraction with division to calculate decimal fraction equivalents (e.g. 0.375) for a simple fraction (e.g. $\frac{3}{8}$) 	<p>Compare and order fractions, including >1.</p> <p>Recall and use equivalences between simple fractions.</p>
2	Fractions Add, subtract, multiply, divide	<ul style="list-style-type: none"> • add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions • multiply simple pairs of proper fractions, writing the answer in its simplest form (e.g. $\frac{1}{4} \times \frac{1}{2} = \frac{1}{8}$) • divide proper fractions by whole numbers (e.g. $\frac{1}{3} \div 2 = \frac{1}{6}$). 	<p>Compare and order fractions, including >1.</p> <p>Recall and use equivalences between simple fractions, decimals and percentages.</p>
3	Decimals and fractions	<ul style="list-style-type: none"> • identify the value of each digit to three decimal places and multiply and divide numbers by 10, 100 and 1000 where the answers are up to three decimal places • multiply one-digit numbers with up to two decimal places by whole numbers • use written division methods in cases 	<p>Recall and use equivalences between simple fractions, decimals and percentages.</p>

		<p>where the answer has up to two decimal places</p> <ul style="list-style-type: none"> • solve problems which require answers to be rounded to specified degrees of accuracy. 	
4	Percentages, decimals and fractions	<ul style="list-style-type: none"> • solve problems involving the calculation of percentages of whole numbers or measures such as 15% of 360 and the use of percentages for comparison • recall and use equivalences between simple fractions, decimals and percentages, including in different contexts. 	Recall and use equivalences between simple fractions, decimals and percentages.
5	Ratio and proportion	<ul style="list-style-type: none"> • solve problems involving the relative sizes of two quantities, including similarity • solve problems involving unequal sharing and grouping. 	Recall and use equivalences between simple fractions, decimals and percentages.
6	Review and Assess	<ul style="list-style-type: none"> • Half-term assessments levelled. Identify gaps for next half term. 	