

St Luke's CE Primary School

Medium Term Curriculum Map for Mathematics – NC 2014

Year 5 Autumn Term 2

Week	Coverage	Curriculum Objectives	Link to Non-negotiable
1	Number, place value and Written subtraction	<p>read, write, order and compare numbers with up to three decimal places</p> <ul style="list-style-type: none"> • solve problems involving number up to three decimal places 	Read, write, order and compare numbers.
2	Mental multiplication and division and Written Division	<p>-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</p> <p>-They use and understand the terms factor, multiple and prime, square and cube numbers.</p> <p>-know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers</p> <p>-establish whether a number up to 100 is prime and recall prime numbers up to 19</p> <p>identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers</p>	Identify multiples and factors of a number Multiply and divide numbers up to 4 digits
3	Measures/Data	<ul style="list-style-type: none"> • solve problems involving converting between units of time • understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints • solve comparison, sum and difference problems using information presented in a line graph • complete, read and interpret information in tables, including timetables. 	Convert between different units of metric measure.
4	Fractions	<ul style="list-style-type: none"> • compare and order fractions whose denominators are all multiples of the same number • identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths • recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number [for example, $1 \frac{5}{4}$] • add and subtract fractions with the same denominator and denominators that are multiples of the same number 	Read and write decimals as fractions.

5	<i>Mental and written addition and subtraction and Written multiplication</i>	multiply and divide numbers mentally drawing upon known facts <ul style="list-style-type: none"> • 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 • add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction) 	Multiply and divide numbers up to 4 digits.
6		Revision and recap of topics from this term.	Count forwards and backwards with positive and negative whole numbers.
7	Review and Asses	Half-term assessments levelled. Identify gaps for next half term.	