

St Luke's CE Primary School

Medium Term Curriculum Map for Mathematics – NC 2014

Autumn Term 1



Week	Coverage	Curriculum Objectives	Link to Non-negotiable
1	Number (place value in whole numbers) and Written Addition	<ul style="list-style-type: none"> add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction) read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit 	Count forwards and backwards in steps of powers of 10 for any given number.
2	Number (place value in decimals) and Written Addition of money	<ul style="list-style-type: none"> round decimals with two decimal places to the nearest whole number and to one decimal place recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit read, write, order and compare numbers with up to three decimal places add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction) 	Read, write, order and compare numbers to at least 1 000 000.
3	Written and Mental subtraction	<ul style="list-style-type: none"> add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction) add and subtract numbers mentally with increasingly large numbers use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why. 	Add and subtract numbers with more than 4 digits.
4	Shape	<ul style="list-style-type: none"> identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed 	Know angles are measured in degrees.
5	Mental multiplication and division	<ul style="list-style-type: none"> identify multiples and factors, including finding all factor pairs of a number, and common multiples of two or more numbers 	Identify multiples and factors of a number.

	<i>and Fractions</i>	<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 	
6	<i>Number, place value and Written multiplication</i>	<ul style="list-style-type: none"> • round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 • multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers • multiply and divide numbers mentally drawing upon known facts • multiply and divide whole numbers and those involving decimals by 10, 100 and 1000. 	<p>Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000.</p> <p>Multiply and divide numbers up to 4 digits.</p>
7, 8	Review and Asses	Half-term assessments and extra teaching time focussed on identified weaknesses	