

## Year 3 Maths Medium Term Plan 2015-2016

Terms 1 & 2	Terms 3 & 4	Terms 5 & 6
<b>Block 1 - Number</b> <ul style="list-style-type: none"> <li>Identify, represent and estimate numbers using different representations</li> <li>Recognising place value of digits in 3 digit numbers (hundred/ten/unit)</li> <li>Finding 10/100 more or less</li> </ul>	<b>Block 1 - Number</b> <ul style="list-style-type: none"> <li>Recognising place value of digits in 3 digit numbers (hundred/ten/unit)</li> <li>Counting in 1s, 10s and 100s</li> <li>Counting in multiples of 4, 8, 50 and 100 from 0</li> </ul>	<b>Block 1 - Number</b> <ul style="list-style-type: none"> <li>Use understanding of place value to partition numbers in different ways</li> <li>To compare and order numbers up to 1000</li> <li>To count in multiples of 4, 8, 50 and 100 from 0 and to give 10 or 100 more than a given number</li> </ul>
<b>Block 2 - Addition and Subtraction</b> <ul style="list-style-type: none"> <li>Add and subtract mentally (HTU +/- 1s)</li> <li>Add and subtract mentally (HTU +/- 10s)</li> <li>Add and subtract mentally (HTU +/- 100s)</li> <li>Using known +/- facts</li> </ul>	<b>Block 2 - Addition and Subtraction</b> <ul style="list-style-type: none"> <li>Add and subtract multiples of 10, 100</li> <li>Mental strategies +/- one digit no. from/to 2-digits</li> <li>Written method +2,3,4 digits column</li> <li>Written method – 2,3,4 digits column</li> </ul>	<b>Block 2 - Addition and subtraction</b> <ul style="list-style-type: none"> <li>Use +/- Facts multiples of 10/ pairs making 100</li> <li>Mental strategies to +/- numbers</li> <li>Checking answers +/- using inverse</li> </ul>
<b>Block 3 - Multiplication and Division</b> <ul style="list-style-type: none"> <li>Multiplication facts review- link to Y2 work</li> <li>Multiplication facts for 3</li> <li>Multiplying by multiples of 10 (20/50 then →)</li> <li>Dividing multiples of 10</li> </ul>	<b>Block 3 - Multiplication and Division</b> <ul style="list-style-type: none"> <li><math>x/ \div</math> facts review for 2,3,4,5 and 10</li> <li>X by multiples of 10 by a single digit no</li> <li><math>\div</math> 3 digit multiples of 10 by a single digit no</li> </ul>	<b>Block 3 - Multiplication and Division</b> <ul style="list-style-type: none"> <li>Multiplication facts review to recall and use <math>x/</math> for 2,3,4,5,8 and 10</li> <li>Written method <math>x</math> TU by U</li> <li>Written method <math>\div</math> TU by U</li> <li>Word problems (<math>x</math> and <math>\div</math> Facts)</li> </ul>
<b>Block 4 - Measurement</b> <ul style="list-style-type: none"> <li>Measuring length (cm/mm)</li> <li>Metric units (cm in metre/ ml in litre/ g in kg)</li> </ul>	<b>Block 4 - Measurement</b> <ul style="list-style-type: none"> <li>Measuring weight reading scales</li> <li>To use and compare mixed metric units</li> <li>+/- of weight using column method</li> </ul>	<b>Block 4 - Measurement</b> <ul style="list-style-type: none"> <li>Measuring capacity</li> <li>+/- of capacity</li> <li>Measure problems using mixed units</li> </ul>
<b>Block 5 - Statistics</b> <ul style="list-style-type: none"> <li>Presenting data using pictograms</li> <li>Collect own data in class/ from other classes</li> <li>Interpreting pictograms</li> </ul>	<b>Block 5 - Statistics</b> <ul style="list-style-type: none"> <li>Presenting data – bar charts</li> <li>Interpreting bar charts</li> </ul>	<b>Block 5 - Statistics</b> <ul style="list-style-type: none"> <li>Interpreting bar charts</li> <li>Using tables</li> </ul>
<b>Block 6 - Addition and subtraction</b> <ul style="list-style-type: none"> <li>Mental strategies</li> <li>Written Method + (2/3 digits)</li> <li>Written Method – (2/3 digits)</li> <li>+/- of length</li> </ul>	<b>Block 6 - Addition and subtraction</b> <ul style="list-style-type: none"> <li>Using known +/- facts</li> <li>Mental strategies +/-</li> <li>Estimating answers written +/-</li> <li>Addition pyramids</li> </ul>	<b>Block 6 - Addition and subtraction</b> <ul style="list-style-type: none"> <li>+/- near multiples of 10/ 100</li> <li>Missing number problems +/-</li> <li>Word problems +/-</li> <li>Magic squares puzzles +/-</li> </ul>
<b>Block 7 - Multiplication and Division</b> <ul style="list-style-type: none"> <li>Multiplication facts for 4</li> <li>Multiplying by multiples of 10 by 1 digit numbers</li> <li>Dividing multiples of 10</li> </ul>	<b>Block 7 - Multiplication and Division</b> <ul style="list-style-type: none"> <li>Multiplication facts for 8</li> <li>Written method <math>x</math> column</li> <li>Written method <math>\div</math> chunk → short division</li> </ul>	<b>Block 7 – Multiplication and Division</b> <ul style="list-style-type: none"> <li>Written method (<math>x/ \div</math>)</li> <li>Word problems (<math>(x/ \div)</math>)</li> <li>Word problems mental</li> <li>Find the numbers</li> </ul>
<b>Block 8 - Measurement Time</b> <ul style="list-style-type: none"> <li>Reading the time (nearest minute past/to hour)</li> <li>Units of time (seconds/minutes/time)</li> <li>Time problems- length of events</li> </ul>	<b>Block 8 - Measurement</b> <ul style="list-style-type: none"> <li>Measures mental +/- of 1s and 10s</li> <li>Measuring length</li> <li>+/- of money</li> <li>Measure problems</li> </ul>	<b>Block 8 - Measurement</b> <ul style="list-style-type: none"> <li>Numbers of days in each month, year &amp; leap year</li> <li>Television- times tables and length of times</li> <li>Time problems – length of time</li> </ul>
<b>Block 9 - Fractions</b> <ul style="list-style-type: none"> <li>Recognising fractions denominator/numerator</li> <li>Counting in tenths</li> <li>Fractions of a set (arrays)</li> </ul>	<b>Block 9 - Fractions</b> <ul style="list-style-type: none"> <li>Dividing ones by 10</li> <li>Fractions of a set</li> <li>Equivalent fractions</li> <li>Fraction pairs making 1</li> </ul>	<b>Block 9 - Fractions</b> <ul style="list-style-type: none"> <li>Fractions of quantities</li> <li>Equivalent Fractions</li> <li>+/- of fractions</li> <li>Comparing Fractions</li> </ul>
<b>Block 10 - Geometry</b> <ul style="list-style-type: none"> <li>Drawing 2-D shapes</li> <li>Two-dimensional shapes</li> <li>Angles right angles and <math>\frac{1}{4}</math> turns</li> </ul>	<b>Block 10 - Geometry</b> <ul style="list-style-type: none"> <li>Angles – greater or less than <math>90^\circ</math>/ right angles</li> <li>Horizontal and vertical lines</li> </ul>	<b>Block 10 - Geometry</b> <ul style="list-style-type: none"> <li>Making 3D shapes</li> <li>3 dimensional shapes</li> <li>Angles in shapes</li> </ul>

	<ul style="list-style-type: none"> <li>• Parallel and perpendicular lines</li> </ul>	
<b>Block 11 - Multiplication and Division</b> <ul style="list-style-type: none"> <li>• Written method (x)</li> <li>• Grouping objects and numbers</li> <li>• Written method (÷)</li> </ul>	<b>Block 11 – Multiplication and Division</b> <ul style="list-style-type: none"> <li>• Twos, fours and eights</li> <li>• Division problems</li> <li>• Word problems <math>\times/ \div</math></li> <li>• Word problems mental</li> </ul>	<b>Block 11 - Measures</b> <ul style="list-style-type: none"> <li>• Measures of perimeter</li> <li>• Measures counting in 1s,10s,100s, weight</li> <li>• Word problems <math>\times/ \div</math> of assorted measures</li> </ul>
<b>Block 12 - Measures Money and change</b> <ul style="list-style-type: none"> <li>• Money calculate amounts of money</li> <li>• Finding change</li> <li>• Word problems relating to varying measures</li> </ul>	<b>Block 12 - Measurement of time</b> <ul style="list-style-type: none"> <li>• Measures mental <math>-/+</math> of 1s, 10s, 100s</li> <li>• Reading time nearest minute am pm</li> <li>• Word problems <math>\times/ \div</math> of assorted measures</li> </ul>	Reviews to highlight Individual work to strengthen areas of weakness and gaps in learning <ul style="list-style-type: none"> <li>• Number review</li> <li>• Calculation review</li> <li>• Fractions review</li> <li>• Measures review</li> <li>• Geometry review</li> <li>• Mental Tests</li> </ul>