



Victoria Lane Academy Maths MTP / LTP – Year 3



Throughout the year children should be taught the following and constantly revisited to build fluency
***Count in multiples of 4, 8, 50 and 100**

Autumn 1

Place Value	3 weeks	I can compare and order numbers up to 1000
		I can identify, represent and estimate numbers using different representations
		I can read and write numbers up to 1000 in numerals and in words
		I can recognise the place value of each digit in a three-digit number (hundreds, tens, ones)
Addition Subtraction	2 weeks	I can add and subtract numbers mentally, including: <ul style="list-style-type: none"> * a three-digit number and ones * a three-digit number and tens * a three-digit number and hundreds
		I can add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction
Multiplication and division	2 weeks	See counting in multiples
		I can write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods

Autumn 2

Fractions	3 weeks	I recognise that tenths arise from dividing an object into 10 equal parts and in dividing one – digit numbers or quantities by 10.
		I can count up and down in tenths
		I can recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators
		I can compare and order unit fractions, and fractions with the same denominators
Measure	3 weeks	I can tell and write the time from an analogue clock, and 12-hour and 24-hour clocks
		I can estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes, hours and o'clock; use vocabulary such as a.m./p.m., morning, afternoon, noon and midnight (appears also in Telling the Time)
		I know the number of seconds in a minute and the number of days in each month, year and leap year
Shape	2 weeks	I can draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them
		I can identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle

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Spring 1

Pre assessment on previous learning of place value from Autumn 1 - Check they can do it

PV	2 Weeks	I can find 10 or 100 more or less than a given number
		I can recognise roman numerals from I to XII
		I can solve number problems and practical problems involving these ideas.
+ -	2 weeks	I can add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction consolidation
		I can estimate and use inverse operations to check answers to a calculation
X ÷	2 weeks	I can write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods consolidation
		<i>I can estimate the answer to a calculation and use inverse operations to check answers</i>

Spring 2

Fractions	3 weeks	I can recognise and show, using diagrams, equivalent fractions with small denominators
		I can add and subtract fractions with the same denominator within one whole (e.g. $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$)
		I can solve problems that involve all of the above
Measure	3 weeks	I can add and subtract amounts of money to give change, using both £ and p in practical contexts
		I can measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
		I can measure and calculate the perimeter of a rectilinear figure in cm and m

Summer 1

PV	2 weeks	Consolidation of Y3 ARE
+ -	2 weeks	solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction
X ÷	1week	Consolidation of Y3 ARE

Summer 2

Stats	2 weeks	<p>I can interpret and present data using bar charts, pictograms and tables</p> <p>I can solve one-step and two-step questions [e.g. 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables.</p>
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Shapes	2 weeks	I can measure the perimeter of simple 2-D shapes I can identify horizontal and vertical lines and pairs of perpendicular and parallel lines
Problem Solving	2 weeks	