



Victoria Lane Academy Maths MTP / LTP – Year 4



Throughout the year children should be taught the following and constantly revisited to build fluency
 *Count in multiples of all times tables * Identify, represent and estimate numbers using different representations.

Autumn 1

Place Value	3 weeks	I can count backwards through zero to include negative numbers
		I can order and compare numbers beyond 1000; I can recognise the place value of each digit in a four-digit number
		I can count in multiples of 6, 7, 9, 25 and 1000
		I can round any number up to 1 000 000 to the nearest 10, 100 or 1 000
Addition Subtract	2 weeks	I can add and subtract whole numbers with up to 4 digits, including using formal written methods
		I can solve addition and subtraction two step problems in contexts, deciding which operations and methods to use and why
Multiplication and division	2 weeks	I can multiply up to 2 digit and 3 digit numbers by a one digit number using formal written methods
		I can divide exact numbers using short division with times tables I am confident with.
		I can solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects

Autumn 2

Fractions	3 weeks	I can count up and down in hundredths
		I can recognise and show, using diagrams, families of common equivalent fractions
		I recognise that hundredths arise when dividing an object by 100 and dividing tenths by ten
		I can add and subtract fractions with the same denominator
Measure	3 weeks	I can multiply numbers including decimals by 10, 100
		I can convert between different units of metric measure
		I can read, write and convert time between analogue and digital 12 and 24 hour clocks
Shape	2 weeks	I can solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days
		I can identify acute and obtuse angles and compare and order angles up to two right angles by size
		I can identify lines of symmetry in 2-D shapes presented in different orientations
		I can complete a simple symmetric figure with respect to a specific line of symmetry

Spring 1

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

PV	3 Weeks	I can recognise tenths and hundredths.
		I can order and compare decimals up to 2dp
		I can round decimals with one decimal place to the nearest whole number
		I can read roman numerals up to 100
+ -	1 week	I can solve addition and subtraction two step problems in contexts, deciding which operations and methods to use

		I can estimate and use inverse operations to check answers to a calculation
X ÷	2 weeks	I can recognise and use factor pairs and commutativity
		I can practice my mental methods and extend this to derive facts for up to 3 digit numbers

Spring 2

X ÷	2 weeks	Addition, subtraction, multiplication words problems Factor pairs
Fractions	2 weeks	Fractions of quantities revisit
		Equivalent revisit
		I can recognise and write decimal equivalents to $\frac{1}{4}$ $\frac{1}{2}$ $\frac{3}{4}$
Measure	2 weeks	I can estimate, compare and calculate different measures, including money in pounds and pence
		I can find the area of rectilinear shapes by counting squares
		I can measure and calculate the perimeter of a rectilinear figure in cm and m

Summer 1

PV	2 weeks	I can find 1000 more or less than a given number I can solve number and practical problems that involve all areas of place value Consolidation
+ -	1 week	I can solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why
X ÷	2 weeks	Written method consolidation.
		I can solve problems involving multiplication and division and a combination of these, including understanding the meaning of the equals sign

Summer 2

Stats	2 weeks	I can interpret and present discrete and continuous data using bar charts and time graphs
		I can solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs
Shapes	2 weeks	I can compare and classify geometric shapes, including quadrilaterals and triangles based on their properties and sizes
		I can describe positions on a 2D grid as coordinates in the first quadrant
		I can describe movements between positions as translations of a given unit to the left/right and up/down
		I can plot specified points and draw sides to complete a given polygon

Problem Solving	2 weeks	Solve number and practical problems that involve all areas of place value with increasingly large numbers Solve simple measure and money problems involving fractions and decimals to two decimal places solve problems involving converting between units of time.
------------------------	---------	---