



Queen Victoria Primary School

Year 6 Maths Long Term Plan 2022-2023

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Autumn term		Spring term *Awaiting new small steps from White Rose		Summer Term *Awaiting new small steps from White Rose	
Week	Topic with small steps	Week	Topic with small steps	Week	Topic with small steps
1 6 th Sept	Number: Place Value - How do we read, write and represent numbers to one million? - How do we recognise the value of digits in 7-digit numbers? - How do we compare and order numbers up to one million?	1 3 rd Jan	Number: Multiplication	1 25 th Apr	Measurement: Perimeter, Area and Volume Afternoon sessions Revisiting Number: Place value
2 13 th Sept	Number: Place Value 1. How do we read, write and represent numbers to ten million? 2. How do we recognise the value of digits in numbers up to ten million? 3. How do we compare and order any number?	2 10 th Jan	Number: Multiplication and Division	2 2 nd May (4)	Measurement: Perimeter, Area and Volume Afternoon sessions Revisiting number: Fractions
3 20 th Sept	Number: Place Value - How do I round numbers to the nearest 100? - How do I round numbers to the nearest 1000?	3 17 th Jan	Number: Division	3 9 th May	Y6 SATs

	<ul style="list-style-type: none"> - How do I round numbers to the nearest 10,000? 				
4 27th Sept	<p>Number: Addition</p> <ul style="list-style-type: none"> - How can I use a number line for negative numbers? 	4 24th Jan		4 16th May	Number: Ratio
5 4th Oct	<p>Number: Addition</p> <ul style="list-style-type: none"> - How do I add numbers with more than 4-digits using manipulatives? - How do I add numbers with more than 4-digits pictorially? - How do I add numbers with more than 4-digits? (Formal method) 	5 31st Jan	Number: Fractions Multiplying	5 23rd May	Statistics
6 11th Oct	<p>Number: Addition</p> <ul style="list-style-type: none"> - How do I use my knowledge of addition to solve problems? 	6 7th Feb	Number: Fractions Dividing	30th May	Half term
7 18th Oct	<p>Geometry: Position and direction</p> <ul style="list-style-type: none"> - How do I read and plot coordinates in the first quadrant? - How do I read and plot coordinates in all four quadrants? - How do I translate shapes in all four quadrants? - How do I reflect shapes in four quadrants? 	7 14th Feb	Number: Fractions \times / \div	6 6th June	Statistics
25th Oct	Half term	21st Feb	Half term	7 13th June	Revision and consolidation of key learning points.

<p>8 1st Nov</p>	<p>Number: Subtraction</p> <ul style="list-style-type: none"> - How do I subtract whole numbers with more than 4 digits using manipulatives? - How do I subtract whole numbers with more than 4 digits pictorially? - How do I subtract whole numbers (Formal method)? - How do I use my knowledge of subtraction to solve problems? 	<p>8 28th Feb</p>	<p>Number: Decimals</p>	<p>8 20th June</p>	<p>Revision and consolidation of key learning points.</p>
<p>9 8th Nov</p>	<p>Number: Fractions</p> <ul style="list-style-type: none"> - How do I simplify fractions? - How do I count fractions on a number line? - How do I compare and order fractions? (denominator) 	<p>9 7th Mar</p>	<p>Number: Decimals</p>	<p>9 27th Jun</p>	<p>Revision and consolidation of key learning points.</p>
<p>10 15th Nov</p>	<p>Number: Fractions- Adding and subtracting</p> <ul style="list-style-type: none"> - How do I add fractions? (within one and where denominators are multiples of the same number) - How do I add fractions? (where the denominators are not multiples of the same number) - How do I add Fractions? (where one or both are mixed numbers or improper fractions) 	<p>10 14th Mar</p>	<p>Measurement: Converting units</p>	<p>10 29th Jun</p>	<p>Revision and consolidation of key learning points.</p>
<p>11 22nd Nov</p>	<p>Number: Fractions- Adding and subtracting</p> <ul style="list-style-type: none"> - How do I subtract fractions? (within one and where denominators are multiples of the same number) - How do I subtract fractions? (where the denominators are not multiples of the same number?) - How do I subtract fractions? (converting mixed numbers to improper fractions) 	<p>11 21st Mar</p>	<p>Number: Percentages</p>	<p>11 4th Jul</p>	<p>Revision and consolidation of key learning points.</p>

12 29 th Nov	<p>Geometry: Properties of shape</p> <ul style="list-style-type: none"> - How do I measure with a protractor? - How do I identify different angles? - How do I calculate missing angles? - How do I calculate missing angles around a point? 	11 28 th Mar	Number: Algebra	12 11 th Jul	Application of learning to solve investigations.
13 6 th Dec	<p>Geometry: Properties of shape</p> <ul style="list-style-type: none"> - How do I calculate the interior angles in a triangle? - How do I calculate the interior angles in a triangle? (special cases) - How do I solve missing triangle angle problems? - How do I calculate the interior angles in quadrilaterals? 	12 4 th Apr	Number: Algebra	13 18 th Jul	Application of learning to solve investigations.
14 13 th Dec	<p>Geometry: Properties of shape</p> <ul style="list-style-type: none"> - How do I calculate the interior angles in regular polygons? - How do I draw shapes accurately? - How do I draw nets of 3D shapes? 	11 th Apr	Easter holidays		Summer Hols
20 th	Christmas holidays	18 th Apr	Easter holidays		

Place value	Addition	Subtraction	Multiplication	Statistics
Fractions	Measurement	Geometry	Division	Algebra
	Ratio	Decimals	Percentages	