

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	
Autumn	Place Value <ul style="list-style-type: none"><li>Roman numerals to 1,000</li><li>Numbers to 10,000</li><li>Numbers to 100,000</li><li>Numbers to 1,000,000</li><li>Read and write numbers to 1,000,000</li><li>Powers of 10</li><li>10/100/1,000/10,000/100,000 more or less</li><li>Partition numbers to 1,000,000</li><li>Number line to 1,000,000</li><li>Compare and order numbers to 100,000</li><li>Compare and order numbers to 1,000,000</li><li>Round to the nearest 10, 100 or 1,000</li><li>Round within 100,000</li><li>Round within 1,000,000</li></ul>			Addition and subtraction <ul style="list-style-type: none"><li>Mental strategies</li><li>Add whole numbers with more than four digits</li><li>Subtract whole numbers with more than four digits</li><li>Round to check answers</li><li>Inverse operations (addition and subtraction)</li><li>Multi-step addition and subtraction problems</li><li>Compare calculations</li><li>Find missing numbers</li></ul>		Multiplication and division <ul style="list-style-type: none"><li>Multiples</li><li>Common multiples</li><li>Factors</li><li>Common factors</li><li>Prime numbers</li><li>Square numbers</li><li>Cube numbers</li><li>Multiply by 10, 100 and 1,000</li><li>Divide by 10, 100 and 1,000</li><li>Multiples of 10, 100 and 1,000</li></ul>			Fractions <ul style="list-style-type: none"><li>Find fractions equivalent to a unit fraction</li><li>Find fractions equivalent to a non-unit fraction</li><li>Recognise equivalent fractions</li><li>Convert improper fractions to mixed numbers</li><li>Convert mixed numbers to improper fractions</li><li>Compare fractions less than 1</li><li>Order fractions less than 1</li><li>Compare and order fractions greater than 1</li><li>Add and subtract fractions with the same denominator</li><li>Add fractions within 1</li><li>Add fractions with total greater than 1</li><li>Add to a mixed number</li><li>Add two mixed numbers</li><li>Subtract fractions</li><li>Subtract from a mixed number</li><li>Subtract from a mixed number – breaking the whole</li><li>Subtract two mixed numbers</li></ul>				
	Spring	Multiplication and division <ul style="list-style-type: none"><li>Multiply up to a 4-digit number by a 1-digit number</li><li>Multiply a 2-digit number by a 2-digit number (area model)</li><li>Multiply a 2-digit number by a 2-digit number</li><li>Multiply a 3-digit number by a 2-digit</li><li>Multiply a 4-digit number by a 2-digit number</li><li>Solve problems with multiplication</li></ul>			Fractions <ul style="list-style-type: none"><li>Multiply a unit fraction by an integer</li><li>Multiply a non-unit fraction by an integer</li><li>Multiply a mixed number by an integer</li><li>Calculate a fraction of a quantity</li></ul>		Decimals and percentages <ul style="list-style-type: none"><li>Decimals up to 2 decimal places</li><li>Equivalent fractions and decimals (tenths)</li><li>Equivalent fractions and decimals (hundredths)</li><li>Equivalent fractions and decimals</li></ul>			Perimeter and area <ul style="list-style-type: none"><li>Perimeter of rectangles</li><li>Perimeter of rectilinear shapes</li><li>Perimeter of polygons</li><li>Area of rectangles</li><li>Area of compound shapes</li><li>Estimate area</li></ul>		Statistics <ul style="list-style-type: none"><li>Draw line graphs</li><li>Read and interpret line graphs</li><li>Read and interpret tables</li><li>Two-way tables</li><li>Read and interpret timetables</li></ul>	

	<ul style="list-style-type: none"><li>• Short division</li><li>• Divide a 4-digit number by a 1-digit number</li><li>• Divide with remainders</li><li>• Efficient division</li><li>• Solve problems with multiplication and division</li></ul>	<ul style="list-style-type: none"><li>• Fraction of an amount</li><li>• Find the whole</li><li>• Use fractions as operators</li></ul>	<ul style="list-style-type: none"><li>• Thousandths as fractions</li><li>• Thousandths as decimals</li><li>• Thousandths on a place value chart</li><li>• Order and compare decimals (same number of decimal places)</li><li>• Order and compare any decimals with up to 3 decimal places</li><li>• Round to the nearest whole number</li><li>• Round to 1 decimal place</li><li>• Understand percentages</li><li>• Percentages as fractions</li><li>• Percentages as decimals</li><li>• Equivalent fractions, decimals and percentages</li></ul>			
Summer	<b>Shape</b> <ul style="list-style-type: none"><li>• Understand and use degrees</li><li>• Classify angles</li><li>• Estimate angles</li><li>• Measure angles up to 180</li><li>• Draw lines and angles accurately</li><li>• Calculate angles around a point</li><li>• Calculate angles on a straight line</li><li>• Lengths and angles in shapes</li></ul>	<b>Position and direction</b> <ul style="list-style-type: none"><li>• Read and plot coordinates</li><li>• Problem solving with coordinates</li><li>• Translation</li><li>• Translation with coordinates</li><li>• Lines of symmetry</li></ul>	<b>Decimals</b> <ul style="list-style-type: none"><li>• Use known facts to add and subtract decimals within 1</li><li>• Complements to 1</li><li>• Add and subtract decimals across 1</li><li>• Add decimals with the same number of decimal places</li><li>• Subtract decimals with the same number of decimal places</li></ul>	<b>Negative numbers</b> <ul style="list-style-type: none"><li>• Understand negative numbers</li><li>• Count through zero in 1s</li><li>• Count through zero in multiples</li><li>• Compare and order</li></ul>	<b>Converting units</b> <ul style="list-style-type: none"><li>• Kilograms and kilometres</li><li>• Millimetres and millilitres</li><li>• Convert units of length</li><li>• Convert between metric and</li></ul>	<b>Volume</b> <ul style="list-style-type: none"><li>• Cubic centimetres</li><li>• Compare volume</li><li>• Estimate volume</li><li>• Estimate capacity</li></ul>

	<ul style="list-style-type: none"><li>• Regular and irregular polygons</li><li>• 3-D shapes</li></ul>	<ul style="list-style-type: none"><li>• Reflection in horizontal and vertical lines</li></ul>	<ul style="list-style-type: none"><li>• Add decimals with different numbers of decimal places</li><li>• Subtract decimals with different numbers of decimal places</li><li>• Efficient strategies for adding and subtracting decimals</li><li>• Decimal sequences</li><li>• Multiply by 10, 100 and 1,000</li><li>• Divide by 10, 100 and 1,000</li><li>• Multiply and divide decimals - missing values</li></ul>	<p>negative numbers</p> <ul style="list-style-type: none"><li>• Find the difference</li></ul>	<p>imperial units</p> <ul style="list-style-type: none"><li>• Convert units of time</li><li>• Calculate with timetables</li></ul>	
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