

	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6
TERM ONE Plan 6	<u>Counting and comparing</u> *To read and write numbers to 1,000,000. *To read and write numbers to 1,000,000. *To recognise the value of each digit to 1,000,000. *To compare numbers to 1,000,000.	<u>Counting and comparing</u> *To round numbers to the nearest 10, 100 and 1000. *To round numbers to the nearest 10,000, 100,000 and 1,000,000 *To count forwards and backwards with negative numbers. *To understand and use negative numbers in context.	<u>Calculating: addition and subtraction.</u> *To add and subtract numbers mentally with increasingly large numbers. *To use column method to add whole numbers. *To use column method to subtract whole numbers. *To solve addition and subtraction multi-step problems.	<u>Number and the number system.</u> *To find multiples and common multiples. *To find all factors of a given number. *To find common factors of multiple numbers. *To find prime numbers.	<u>Number and the number system.</u> *To find square numbers using the correct notation. *To find cube numbers using the correct notation. *To apply knowledge of factors and multiples to solve problems. *To apply knowledge of squared and cube numbers to solve problems.	<u>Investigating properties of shape.</u> *To identify the properties of 2d shapes. *To use knowledge of rectangles to find missing lengths and angles. *To identify regular and irregular polygons. *To use knowledge of rectangles and polygons to find points on a coordinate grid.
TERM TWO Plan 6	<u>Multiplication and division.</u> *To use knowledge of times tables to multiply and divide mentally. *To multiply whole numbers and decimals by 10,100 and 1000. *To divide whole numbers and decimals by 10, 100 and 1000. *To use short multiplication.	<u>Multiplication and division.</u> *To use long multiplication. *To use short division to divide amounts with no remainders. * To use short division to divide amounts with remainders. *To solve problems multiplication and division problems.	<u>Visualising and constructing.</u> *To identify 3d shapes from visual representations. *To construct diagrams of 3d shapes. * To identify 3d shapes from nets. *To construct nets for 3d shapes.	<u>Exploring fractions, decimals and percentages.</u> *To compare fractions with similar denominators. *To order fractions with similar denominators. *To identify equivalent fractions. *To reason about equivalent fractions.	<u>Exploring fractions, decimals and percentages.</u> *To read and write decimals to thousandths in words and digits. *To understand the relationship between tenths, hundredths and thousandths. *Compare and order a set of numbers with a mixed number of decimals places. *To solve problems involving number up to 3 decimal places.	<u>Exploring fractions, decimals and percentages.</u> *To understand that per cent relates to number of parts per hundred. *To write any percentage as a fraction with a denominator of 100. *To write any percentage as a decimal. *To find equivalent percentage, fraction and decimal amounts.

<p>TERM THREE</p> <p>Plan 4</p>	<p><u>Measuring space.</u></p> <p>*To convert between millimetres, centimetres and metres.</p> <p>*To convert between kilometres and metres.</p> <p>*To convert between kilograms and grams.</p> <p>*To convert between litres and millilitres.</p>	<p><u>Measuring space.</u></p> <p>*To find equivalences between metric and imperial units.</p> <p>*To use decimal notation when converting between metric units.</p> <p>*To solve problems involving measures.</p> <p>*To solve problems involving measures.</p>	<p><u>Exploring Time</u></p> <p>*To read time on an analogue and digit clock.</p> <p>*To convert between different units of time.</p> <p>*To read and interpret information given in a timetable.</p> <p>*To solve problems involving interpreting timetables.</p>	<p>Assessment and maths WOW week?</p>		
<p>TERM FOUR</p> <p>Plan 5</p>	<p><u>Mathematical movement.</u></p> <p>*To identify and describe a translation.</p> <p>*To draw and describe a translation.</p> <p>*To describe a reflection using mirror lines.</p> <p>*To carry out a reflection using mirror lines parallel to the axes.</p>	<p><u>Mathematical movement.</u></p> <p>*To carry out a reflection using mirror lines touching the object.</p> <p>*To carry out a reflection using mirror lines crossing the object.</p> <p>*To identify that translations and reflections produce a congruent image.</p> <p>*To solve problems involving translation and reflection.</p>	<p><u>Calculating with fractions, decimals and percentages.</u></p> <p>*To convert between mixed numbers and improper fractions.</p> <p>*To add and subtract fractions with the same denominators.</p> <p>*To add and subtract fractions with different denominators.</p> <p>*To add and subtract fractions with different denominators.</p>	<p><u>Calculating with fractions, decimals and percentages.</u></p> <p>*To multiply fractions.</p> <p>*To multiply a proper fraction by a whole number.</p> <p>*To multiply a mixed number by a whole number.</p> <p>*To solve problems involving adding, subtracting and multiplying fractions.</p>	<p><u>Calculating with fractions, decimals and percentages.</u></p> <p>*To know percentage equivalents of fractions.</p> <p>*To know percentage equivalents of fractions with denominators of 20, 25, 40 and 50.</p> <p>*To know decimal equivalents of fractions.</p> <p>*To solve problems involving equivalent fractions, decimals and percentages.</p>	
<p>TERM FIVE</p> <p>Plan 5</p>	<p><u>Presentation of data.</u></p> <p>*To read values from a line graph.</p> <p>*To present data in a line graph.</p> <p>*To answer 1 and 2 step questions about data in a line graph.</p> <p>*To solve problems using information</p>	<p><u>Checking, approximating and estimating.</u></p> <p>*To understand and use estimation.</p> <p>*To approximate any number by rounding.</p> <p>*To approximate any number with 2dp by rounding to the nearest</p>	<p><u>Investigating angles.</u></p> <p>*To estimate acute, obtuse and reflex angles.</p> <p>*To identify and find angles on a straight line.</p> <p>*To identify and find angles around a point.</p> <p>*To identify and find</p>	<p><u>Investigating angles</u></p> <p>*To use a protractor to measure angles accurately.</p> <p>*To use a protractor to measure angles accurately.</p> <p>*To use a protractor to draw angles.</p> <p>* To solve problems</p>	<p>Assessment and maths WOW week?</p>	

	presented in a line graph.	whole number. *To estimate calculations with up to 4 digits.	angles in triangles and quadrilaterals.	involving angles.		
TERM SIX Plan 6	<u>Pattern sniffing</u> *To count forwards and backwards in tens and hundred from any positive number . *To count forwards and backwards in thousands from any positive number. *To solve problems involving number sequences.	Support and going deeper.	Support and going deeper.	Support and going deeper.	Support and going deeper.	