

Week	Objectives	Small Learning Steps
1	Place Value Decimals, negative numbers and rounding <ul style="list-style-type: none"> Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000 Round decimals with two decimal places to the nearest whole number and to one decimal place Solve number problems and practical problems that involve all of the above read 	<ul style="list-style-type: none"> Count forwards and backwards through zero to include negative numbers Solve problems with negative numbers in context. Revise rounding of integers to 10,100,100,10000 and 100000 including on a number line and in context Revise rounding decimals with 1 decimal place to integers Round decimals with 2 dec places to nearest whole number /1 decimal place in and out of context. Solve problems using rounding of decimals
2	Four rules linked to measure <ul style="list-style-type: none"> Use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling. Convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre) Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why. 	<ul style="list-style-type: none"> Introduce decimal addition and subtraction including estimation and checking Decimal addition and subtraction with empty boxes Decimal addition and subtraction problems in context with no mixed measure Decimal addition and subtraction where mixed units of measure need conversion Multi step problems with above
3	Division <ul style="list-style-type: none"> Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000 	<ul style="list-style-type: none"> Revise division of a 2-digit and 3-digit numbers by 1 digit without a remainder Revise division of a 2 digit and 3-digit numbers with a remainder 4 digits by 1 digit without remainder 4 digits by 1 digit with remainder Use inverse operations to check answers to a calculation
4	Multiplication and division problem solving <ul style="list-style-type: none"> Use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling. Convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre) 	<ul style="list-style-type: none"> Revise 2 x 3 and 2 x 4 multiplication including with empty boxes Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000 Problem solving with mixed measures for division problems and multiplication problems
5	Geometry – 3-D, Translation of 2-D <ul style="list-style-type: none"> Identify 3-D shapes, including cubes and other cuboids, from 2-D representations Volume of 3-d cubes and cuboids Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed. 	<ul style="list-style-type: none"> Revise the properties of 3-D shapes through nets Revise 3-D shapes through 2 -D images e.g. complete this net, match patterns on cubes etc Volume of cubes and cuboids – revision Translation of a range of quadrilaterals (this could be done using co-ordinate grids)

6	<p>Fractions and %</p> <ul style="list-style-type: none"> Recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with denominator 100, and as a decimal Solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{4}{5}$ and those fractions with a denominator of a multiple of 10 or 25. 	<ul style="list-style-type: none"> Explore what is meant by % Images of 1%, 10% Finding 1% of a number/quantity Finding 10% of a number/quantity Fraction, decimal % conversion problems Problem solve with the above
---	--	---