

Intent Year 5/Year 6

Block	Topic	Term	Number of Weeks	Notes
1	Number and Place Value			
2	Addition and Subtraction			
3	Multiplication and Division			
4	Statistics (Year 6 only)			
5	Fractions			
6	Decimals and Percentages			
7	Ratio and Proportion (Year 6 only)			
8	Algebra (Year 6 only)			
9	Geometry			
10	Measures			
11	Statistics			
12	Application and Consolidation			

Strand	Y5 NC ARE Including Ready to Progress	Y6 NC ARE Including Ready to Progress	Sequence of learning- Year 5 Detailed in Planning Overview	Sequence of learning-Year 6 Detailed in Planning Overview
<p>Number and Place Value</p>	<p>Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit</p> <p>NPV-2 Recognise the place value of each digit in numbers with up to 2 decimal places, and compose and decompose numbers with up to 2 decimal places using standard and non-standard partitioning.</p> <p>Count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000</p> <p>Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero</p> <p>Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000</p> <p>NPV-3 Reason about the location of any number with up to 2 decimals places in the linear number system, including identifying the previous and next</p>	<p>Read, write, order and compare numbers up to 10 000 000 and determine the value of each digit</p> <p>NPV-1 Understand the relationship between powers of 10 from 1 hundredth to 10 million, and use this to make a given number 10, 100, 1,000, 1 tenth, 1 hundredth or 1 thousandth times the size (multiply and divide by 10, 100 and 1,000).</p> <p>NPV-2 Recognise the place value of each digit in numbers up to 10 million, including decimal fractions, and compose and decompose numbers up to 10 million using standard and non-standard partitioning.</p> <p>Round any whole number to a required degree of accuracy</p> <p>NPV-3 Reason about the location of any number up to 10 million, including decimal fractions, in the linear number system, and round numbers, as appropriate, including in contexts.</p> <p>NPV-4 Divide powers of 10, from 1 hundredth to 10 million, into 2, 4, 5 and 10 equal parts, and read scales/number lines with labelled intervals divided into 2, 4, 5 and 10 equal parts</p>	<p>*Reading and writing numbers up to 1,000,000</p> <p>*Counting in powers of 10 to 1,000,000</p> <p>*Understanding the relationships between powers of 10</p> <p>*Standard and non-standard partitioning</p> <p>*Comparing and ordering numbers</p> <p>*Positioning numbers on a number line</p> <p>*Rounding numbers to the nearest 10, 100, 1000, 10,000 and 100, 000</p> <p>*Counting forwards and backwards with positive and negative whole numbers, including through zero</p> <p>*Roman numerals to 1000</p>	<p>*Reading and writing numbers up to 10,000,000</p> <p>Counting in powers of 10 to *10,000,000</p> <p>*Understanding the relationships between powers of 10</p> <p>*Standard and non-standard partitioning</p> <p>*Comparing and ordering numbers</p> <p>*Positioning numbers on a number line</p> <p>*Rounding numbers to a required degree of accuracy</p> <p>*Using negative numbers in context and calculate intervals across zero</p> <p>*Calculating with positive and negative numbers</p>

Intent Year 5/Year 6

	<p>multiple of 1 and 0.1 and rounding to the nearest of each.</p> <p>Solve number problems and practical problems that involve all of the above</p> <p>Read Roman numerals to 1000 (m) and recognise years written in roman numerals.</p>	<p>Use negative numbers in context, and calculate intervals across zero</p> <p>Solve number and practical problems that involve all of the above</p>		
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Intent Year 5/Year 6

Strand	Y5 NC ARE Including Ready to Progress	Y6 NC ARE Including Ready to Progress	Sequence of learning - Year 5 Detailed in Planning Overview	Sequence of learning - Year 6 Detailed in Planning Overview
Addition and Subtraction	<p>Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)</p> <p>Add and subtract numbers mentally with increasingly large numbers</p> <p>NF-2 Apply place-value knowledge to known additive and multiplicative number facts (scaling facts by 1 tenth or 1 hundredth)</p> <p>Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy</p> <p>Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why</p>	<p>Perform mental calculations, including with mixed operations and large numbers</p> <p>6AS/MD-1 Understand that 2 numbers can be related additively or multiplicatively, and quantify additive and multiplicative relationships (multiplicative relationships restricted to multiplication by a whole number).</p> <p>6AS/MD-2 Use a given additive or multiplicative calculation to derive or complete a related calculation, using arithmetic properties, inverse relationships, and place-value understanding.</p> <p>Use their knowledge of the order of operations to carry out calculations involving the four operations</p> <p>Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why</p> <p>Use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy</p>	<ul style="list-style-type: none"> *Recapping basic mental facts from previous curriculums *Scaling known facts *Using partitioning to calculate *Using place value to calculate *Using bridging to calculate *Finding the difference by bridging to count on *Reordering calculations *Finding inverse calculations *Using the inverse to check calculations *Compensating *Adjusting *Solving addition and subtraction money problems *Estimating answers to calculations *Using a bar model to problem solve *Formal written methods *Multistep word problems 	<ul style="list-style-type: none"> *Recapping basic mental facts from previous curriculums *Scaling known facts *Using partitioning to calculate *Using place value to calculate *Using bridging to calculate *Finding the difference by bridging to count on *Reordering calculations *Finding inverse calculations *Using the inverse to check calculations *Compensating *Adjusting *Solving addition and subtraction money problems *Estimating answers to calculations *Using a bar model to problem solve *Formal written methods *Multistep word problems

Strand	Y5 NC ARE Including Ready to Progress	Y6 NC ARE Including Ready to Progress	Sequence of learning - Year 5 Detailed in Planning Overview	Sequence of learning-Year 6 Detailed in Planning Overview
<p>Multiplication and Division</p>	<p>Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers</p> <p>MD-2 Find factors and multiples of positive whole numbers, including common factors and common multiples, and express a given number as a product of 2 or 3 factors.</p> <p>Know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers</p> <p>Establish whether a number up to 100 is prime and recall prime numbers up to 19</p> <p>Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers</p> <p>MD-3 Multiply any whole number with up to 4 digits by any one-digit number using a formal written method.</p>	<p>Perform mental calculations, including with mixed operations and large numbers</p> <p>AS/MD-1 Understand that 2 numbers can be related additively or multiplicatively, and quantify additive and multiplicative relationships (multiplicative relationships restricted to multiplication by a whole number)</p> <p>6AS/MD-2 Use a given additive or multiplicative calculation to derive or complete a related calculation, using arithmetic properties, inverse relationships, and place-value understanding.</p> <p>Identify common factors, common multiples and prime numbers</p> <p>Use their knowledge of the order of operations to carry out calculations involving the four operations</p> <p>Multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication</p>	<ul style="list-style-type: none"> *Times tables (if necessary) *Scaling known facts *Fact families, inverse and commutative *Applying doubling and halving to mental strategies *Partitioning to multiply *Reordering calculations *Multiples *Factors *Common factors *Prime numbers *Square and cube numbers *Written multiplication *Written division *Problem solving and consolidation 	<ul style="list-style-type: none"> *Times tables (if necessary) *Scaling known facts *Fact families, inverse and commutative *Applying doubling and halving to mental strategies *Partitioning to multiply *Reordering calculations *Factorising *Multiples *Factors *Common factors *Prime numbers *Square and cube numbers *Written multiplication *Written division *Interpreting remainders as decimals *BODMAS/BIDMAS

Intent Year 5/Year 6

	<p>Multiply and divide numbers mentally drawing upon known facts</p> <p>NF-1 Secure fluency in multiplication table facts, and corresponding division facts, through continued practice</p> <p>NF-2 Apply place-value knowledge to known additive and multiplicative number facts (scaling facts by 1 tenth or 1 hundredth)</p> <p>MD-1 Multiply and divide numbers by 10 and 100; understand this as equivalent to making a number 10 or 100 times the size, or 1 tenth or 1 hundredth times the size.</p> <p>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</p> <p>MD-4 Divide a number with up to 4 digits by a one-digit number using a formal written method, and interpret remainders appropriately for the context.</p> <p>Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000</p>	<p>Divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context</p> <p>Divide numbers up to 4 digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context</p> <p>Solve problems involving addition, subtraction, multiplication and division</p> <p>Use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy</p>		
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Intent Year 5/Year 6

	<p>Recognise and use square numbers and cube numbers, and the notation for squared (²) and cubed (³)</p> <p>Solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes</p> <p>Solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign</p> <p>Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple ratio.</p>			
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Strand	Y5 NC ARE Including Ready to Progress	Y6 NC ARE Including Ready to Progress	Sequence of learning - Year 5 Detailed in Planning Overview	Sequence of learning - Year 4 Detailed in Planning Overview
Statistics - Year 6	Year 5 to continue consolidating multiplication and division	<p>Interpret and construct pie charts and line graphs and use these to solve problems</p> <p>Calculate and interpret the mean as an average.</p>	Year 5 to continue consolidating multiplication and division	<ul style="list-style-type: none"> *Interpreting line graphs with more than one data set *Creating a pie chart looking at proportional sections *Creating a pie chart based around 36 votes - relating to 360 degrees in circle *Using percentages to create a pie chart for any data set *Interpreting pie charts *Mean average

Strand	Y5 NC ARE <i>Including Ready to Progress</i>	Y6 NC ARE <i>Including Ready to Progress</i>	Sequence of learning - Year 5 Detailed in Planning Overview	Sequence of learning - Year 6 Detailed in Planning Overview
Fractions	<p>Compare and order fractions whose denominators are all multiples of the same number</p> <p>Identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths</p> <p><i>F-2 Find equivalent fractions and understand that they have the same value and the same position in the linear number system.</i></p> <p><i>5F-1 Find non-unit fractions of quantities.</i></p> <p>Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number</p> <p>Add and subtract fractions with the same denominator and denominators that are multiples of the same number</p>	<p><i>Use common factors to simplify fractions; use common multiples to express fractions in the same denomination</i></p> <p><i>F-1 Recognise when fractions can be simplified, and use common factors to simplify fractions.</i></p> <p><i>Compare and order fractions, including fractions > 1</i></p> <p><i>F-2 Express fractions in a common denomination and use this to compare fractions that are similar in value.</i></p> <p><i>F-3 Compare fractions with different denominators, including fractions greater than 1, using reasoning, and choose between reasoning and common denomination as a comparison strategy</i></p> <p><i>Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions</i></p>	<ul style="list-style-type: none"> *Comparing and ordering fractions *Equivalent fractions *Mixed numbers and improper fractions *Fraction of a quantity * Adding fractions with mixed denominators *Subtracting fractions with mixed denominators *Multiplying fractions by a whole number *Consolidation and problem solving 	<ul style="list-style-type: none"> *Comparing and ordering fractions *Equivalent fractions and expressing in the simplest form *Mixed numbers and improper fractions *Fraction of a quantity * Adding fractions with mixed denominators *Subtracting fractions with mixed denominators *Multiplying fractions by a whole number *Multiplying pairs of proper fractions *Dividing fractions

Intent Year 5/Year 6

	<p>Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams</p>	<p>Multiply simple pairs of proper fractions, writing the answer in its simplest form</p> <p>Divide proper fractions by whole numbers</p>		
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Strand	Y5 NC ARE Including Ready to Progress	Y6 NC ARE Including Ready to Progress	Sequence of learning-Year 5 Detailed in Planning Overview	Sequence of learning-Year 6 Detailed in Planning Overview
<p>Decimals and Percentages</p>	<p>Read and write decimal numbers as fractions</p> <p>F-3 Recall decimal fraction equivalents for $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$ and $\frac{1}{10}$, and for multiples of these proper fractions.</p> <p>Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents</p> <p>NPV-1 Know that 10 tenths are equivalent to 1 one, and that 1 is 10 times the size of 0.1. Know that 100 hundredths are equivalent to 1 one, and that 1 is 100 times the size of 0.01. Know that 10 hundredths are equivalent to 1 tenth, and that 0.1 is 10 times the size of 0.01.</p> <p>Round decimals with two decimal places to the nearest whole number and to one decimal place</p> <p>NPV-3 Reason about the location of any number with up to 2 decimal places in the linear number system, including identifying the previous and</p>	<p>Associate a fraction with division and calculate decimal fraction equivalents</p> <p>Identify the value of each digit in numbers given to three decimal places and multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places</p> <p>NPV-1 Understand the relationship between powers of 10 from 1 hundredth to 10 million, and use this to make a given number 10, 100, 1,000, 1 tenth, 1 hundredth or 1 thousandth times the size (multiply and divide by 10, 100 and 1,000).</p> <p>NPV-2 Recognise the place value of each digit in numbers up to 10 million, including decimal fractions, and compose and decompose numbers up to 10 million using standard and non-standard partitioning.</p> <p>NPV-4 Divide powers of 10, from 1 hundredth to 10 million, into 2, 4, 5 and 10 equal parts, and read scales/number lines with labelled intervals divided into 2, 4, 5 and 10 equal parts.</p>	<ul style="list-style-type: none"> *Recapping tenths and hundredths *Thousandths as a decimal *Positioning decimals on a number line *Ordering and comparing decimals *Rounding decimals *Multiplying and dividing numbers by 10, 100 and 1000 *Writing decimal numbers as fractions *Adding and subtracting decimals *Linking decimals to measures understand that per cent relates to 'number of parts per hundred *fraction/decimal/percentage equivalents 	<ul style="list-style-type: none"> *Recapping tenths and hundredths *Thousandths as a decimal *Positioning decimals on a number line *Ordering and comparing decimals *Rounding decimals *Multiplying and dividing numbers by 10, 100 and 1000 *Writing decimal numbers as fractions *Multiplying decimals *Linking decimals to measures understand that per cent relates to 'number of parts per hundred *fraction/decimal/percentage equivalents *Finding percentages of amounts

Intent Year 5/Year 6

	<p>next multiple of 1 and 0.1 and rounding to the nearest of each.</p> <p>Read, write, order and compare numbers with up to three decimal places</p> <p>NPV-2 Recognise the place value of each digit in numbers with up to 2 decimal places, and compose and decompose numbers with up to 2 decimal places using standard and non-standard partitioning.</p> <p>NPV-4 Divide 1 into 2, 4, 5 and 10 equal parts, and read scales/number lines marked in units of 1 with 2, 4, 5 and 10 equal parts.</p> <p>Solve problems involving number up to three decimal places</p> <p>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</p> <p>Solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$ and $\frac{4}{5}$ and those fractions with a denominator of a multiple of 10 or 25.</p>	<p>Multiply one-digit numbers with up to two decimal places by whole numbers</p> <p>Use written division methods in cases where the answer has up to two decimal places</p> <p>Solve problems which require answers to be rounded to specified degrees of accuracy</p> <p>NPV-3 Reason about the location of any number up to 10 million, including decimal fractions, in the linear number system, and round numbers, as appropriate, including in contexts.</p> <p>Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts</p>		
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Strand	Y5 NC ARE Including Ready to Progress	Y6 NC ARE Including Ready to Progress	Sequence of learning -Year 5 Detailed in Planning Overview	Sequence of learning - Year 6 Detailed in Planning Overview
Ratio and Proportion - Year 6 only	Year 5 to continue consolidating fractions/decimals and percentages	<p>Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts</p> <p>AS/MD-1 Understand that 2 numbers can be related additively or multiplicatively, and quantify additive and multiplicative relationships (multiplicative relationships restricted to multiplication by a whole number).</p> <p>AS/MD-3 Solve problems involving ratio relationships.</p> <p>Solve problems involving the calculation of percentages [for example, of measures, and such as 15% of 360] and the use of percentages for comparison</p> <p>Solve problems involving similar shapes where the scale factor is known or can be found</p> <p>Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.</p>	Year 5 to continue consolidating fractions/decimals and percentages	<p>*Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts</p> <p>* Solve problems involving the calculation of percentages [for example, of measures, and such as 15% of 360] and the use of percentages for comparison</p> <p>* Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.</p> <p>* Solve problems involving similar shapes where the scale factor is known or can be found</p> <p>*Substantial problem</p>

Strand	Y5 NC ARE Including Ready to Progress	Y6 NC ARE Including Ready to Progress	Sequence of learning -Year 5 Detailed in Planning Overview	Sequence of learning - Year 6 Detailed in Planning Overview
Geometry	<p>Identify 3-D shapes, including cubes and other cuboids, from 2-D representations</p> <p>Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles</p> <p>Draw given angles, and measure them in degrees ($^{\circ}$)</p> <p>G-1 Compare angles, estimate and measure angles in degrees ($^{\circ}$) and draw angles of a given size.</p> <p>Identify: angles at a point and one whole turn (total 360°) angles at a point on a straight line and $\frac{1}{2}$ a turn (total 180°) other multiples of 90°</p> <p>Use the properties of rectangles to deduce related facts and find missing lengths and angles</p> <p>Distinguish between regular and irregular polygons based on reasoning about equal sides and angles.</p>	<p>Draw 2-D shapes using given dimensions and angles</p> <p>G-1 Draw, compose, and decompose shapes according to given properties, including dimensions, angles and area, and solve related problems.</p> <p>Recognise, describe and build simple 3-D shapes, including making nets</p> <p>Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons</p> <p>Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius</p> <p>Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles.</p> <p>Describe positions on the full coordinate grid (all four quadrants)</p>	<p>*Identify 3-D shapes, including cubes and other cuboids, from 2-D representations</p> <p>*Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles</p> <p>*Draw given angles, and measure them in degrees ($^{\circ}$)</p> <p>*Identify: angles at a point and one whole turn (total 360°) angles at a point on a straight line and $\frac{1}{2}$ a turn (total 180°) other multiples of 90°</p> <p>*Use the properties of rectangles to deduce related facts and find missing lengths and angles</p> <p>*Distinguish between regular and irregular polygons based on reasoning about equal sides and angles.</p> <p>*Recap coordinate from year 4</p> <p>Identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know</p>	<p>*Recognise, describe and build simple 3-D shapes, including making nets</p> <p>*Compare and classify geometric shapes based on their properties and sizes. find unknown angles in any triangles, quadrilaterals and regular polygons</p> <p>*Draw 2-D shapes using given dimensions and angles</p> <p>*Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius</p> <p>*Describe positions on the full coordinate grid (all four quadrants)</p> <p>Draw and translate simple shapes on the coordinate plane, and reflect them in the axes.</p>

Intent Year 5/Year 6

	<p>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.</p>	<p>Draw and translate simple shapes on the coordinate plane, and reflect them in the axes.</p>	<p>that the shape has not changed.</p>	
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Intent Year 5/Year 6

Strand	Y5 NC ARE Including Ready to Progress	Y6 NC ARE Including Ready to Progress	Sequence of learning -Year 5 Detailed in Planning Overview	Sequence of learning - Year 6 Detailed in Planning Overview
Algebra (Year 6)		<p>Use simple formulae</p> <p>AS/MD-1 Use a given additive or multiplicative calculation to derive or complete a related calculation, using arithmetic properties, inverse relationships, and place-value understanding.</p> <p>Generate and describe linear number sequences</p> <p>Express missing number problems algebraically</p> <p>Find pairs of numbers that satisfy an equation with two unknowns</p> <p>Enumerate possibilities of combinations of two variables</p>		

Intent Year 5/Year 6

Strand	Y5 NC ARE Including Ready to Progress	Y6 NC ARE Including Ready to Progress	Sequence of learning-Year 5 Detailed in Planning Overview	Sequence of learning - Year 6 Detailed in Planning Overview
<p>Measurement</p>	<p>Convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre)</p> <p>NPV-5 Convert between units of measure, including using common decimals and fractions.</p> <p>Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints</p> <p>Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres</p> <p>Calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm²) and square metres (m²) and estimate the area of irregular shapes</p> <p>G-2 Compare areas and calculate the area of rectangles (including squares) using standard units.</p>	<p>Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate</p> <p>Use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to three decimal places</p> <p>Convert between miles and kilometres</p> <p>Recognise that shapes with the same areas can have different perimeters and vice versa</p> <p>Recognise when it is possible to use formulae for area and volume of shapes</p> <p>Calculate the area of parallelograms and triangles</p> <p>Calculate, estimate and compare volume of cubes and cuboids using standard units, including cubic centimetres (cm³) and cubic metres</p>	<p>*Recap measuring with metric measures and how to convert between them with whole numbers</p> <p>*Convert between different units of metric measure including decimals and fractions</p> <p>*Understand and use approximate equivalences between metric units and common imperial units converting between them</p> <p>*Solve problems involving converting between units of time</p> <p>Find the perimeter of composite rectilinear shapes in cm and m</p> <p>*Calculate the area of rectilinear shapes by using the formula $L \times W$ for each rectangle</p> <p>*Calculate the area of other regular polygons (not rectilinear)</p> <p>*Use addition and subtraction to solve problems involving measure [for example, length, mass, volume, money] using decimal notation</p> <p>*Use multiplication and division to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling</p> <p>*Estimate volume [for example, using 1 cm³ blocks to build cuboids (including cubes)] and</p>	<p>*Recap measuring with metric measures and how to convert between them with whole numbers</p> <p>*Converting metric measures using decimal notation up to 3dp</p> <p>*Convert between miles and kilometres</p> <p>*Use, read, write and convert measures of time</p> <p>*Find the perimeter of composite rectilinear shapes in cm and m</p> <p>*Recognise that shapes with the same areas can have different perimeters and vice versa</p> <p>*Calculate the area of other regular polygons (not rectilinear)</p> <p>*Calculate the area of triangles</p> <p>*Calculate the area of parallelograms</p> <p>*Calculate, estimate and compare volume of cubes and cuboids using standard units, including cubic centimetres (cm³) and cubic metres (m³), and extending to other units [for example, mm³ and km³].</p>

Intent Year 5/Year 6

	<p>Estimate volume [for example, using 1 cm³ blocks to build cuboids (including cubes)] and capacity [for example, using water]</p> <p>Solve problems involving converting between units of time</p> <p>Use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling.</p>	<p>(m³), and extending to other units [for example, mm³ and km³].</p>	<p>capacity [for example, using water]</p>	
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Intent Year 5/Year 6

Strand	Y5 NC ARE Including Ready to Progress	Y6 NC ARE Including Ready to Progress	Sequence of learning- Year 5 Detailed in Planning Overview	Sequence of learning -Year 6 Detailed in Planning Overview
Statistics Additional practice in different contexts for year 6 - see year 6 statistics plan	Solve comparison, sum and difference problems using information presented in a line graph Complete, read and interpret information in tables, including timetables		<ul style="list-style-type: none"> *Recap types of data from previous curriculums *Interpreting line graphs *Answering questions about line graphs *Creating own line graphs *Reading data from a table *Adding information into a table *Interpreting and answering questions using data from timetables 	

Intent Year 5/Year 6

Strand	Y5 NC ARE Including Ready to Progress	Y6 NC ARE Including Ready to Progress	Sequence of learning- Year 5 Detailed in Planning Overview	Sequence of learning -Year 6 Detailed in Planning Overview
<p>Consolidation</p> <p>Use this block to consolidate areas of the curriculum that will benefit the cohort</p>				