

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Termly Coverage	Place Value (to 10) Addition & Subtraction (to 10) Time – days, weeks, months, sequence events	Place Value (to 20) Measure – Length and height, weight and volume – link to addition and subtraction to 10, ordering numbers to 20	Place Value (to 50) Addition & Subtraction (to 20)	Multiplication and Division Shape, position and direction	Place Value (to 100) Addition & Subtraction (to 20) – link to Money	Multiplication and Division Fractions – link to division $\frac{1}{2}$ is $\div 2$ Time – link to fractions $\frac{1}{2}$ and $\frac{1}{4}$ and counting in 5s
National Curriculum Objectives	Count to and across 10, forwards and backwards, beginning with 0 or 1, or from any given number Represent and use number bonds and related subtraction facts within 10 Add and subtract one-digit numbers to 10, including 0 Sequence events in chronological order using language [for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening] Recognise and use language relating to dates, including days of the week, weeks, months and years	Read and write numbers from 1 to 20 in numerals and words Compare, describe and solve practical problems for: <ul style="list-style-type: none"> lengths and heights [for example, long/short, longer/shorter, tall/short, double/half] mass/weight [for example, heavy/light, heavier than, lighter than] capacity and volume [for example, full/empty, more than, less than, half, half full, quarter] Measure and begin to record the following: lengths and heights mass/weight capacity and volume	Given a number, identify 1 more and 1 less Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs Represent and use number bonds and related subtraction facts within 20 Add and subtract one-digit and two-digit numbers to 20, including 0	Through grouping and sharing pupils understand multiplication and division; doubling number and quantities They make connections between arrays, number patterns and counting in 2's, 5's and 10's Recognise and name common 2-D and 3-D shapes, including: <ul style="list-style-type: none"> 2-D shapes [for example, rectangles (including squares), circles and triangles] 3-D shapes [for example, cuboids (including cubes), pyramids and spheres] Describe position, direction and movement, including whole, half, quarter and three-quarter turns	Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs Add and subtract one-digit and two-digit numbers to 20, including 0 Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = ? - 9$ Recognise and know the value of different denominations of coins and notes	Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays Recognise, find and name a half as 1 of 2 equal parts of an object, shape or quantity Recognise, find and name a quarter as 1 of 4 equal parts of an object, shape or quantity Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times
WRM Units	WRM Autumn Unit 1 WRM Autumn Unit 2	WRM Autumn Unit 4 WRM Spring Units 3&4	WRM Spring Units 1&2	WRM Summer Unit 1 WRM Autumn Unit 3 WRM Summer Unit 6	WRM Summer Unit 4 WRM Summer Unit 5	WRM Summer Units 1, 2 and 6

Maths Yearly Overviews - Year 2

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Termly Coverage	Place Value Addition & Subtraction Measure – Money - link to addition and subtraction	Multiplication & Division Shape	Fractions Measure - Time – link to counting in 5's, ½ and ¼	Addition & Subtraction Measure – Length and Height – link to addition and subtraction & number order	Multiplication and Division Measure – Mass, Capacity and temperature - link to counting in 2's, 5's and 10's & scales	Problem Solving - + - x ÷ Statistics – link to counting in 2's, 5's and 10's & scales Position and Direction
National Curriculum Objectives	<p>Recognise the place value of each digit in a two-digit number (10s, 1s)</p> <p>Read and write numbers to at least 100 in numerals and in words</p> <p>Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100</p> <p>Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and 1s a two-digit number and 10s</p> <p>Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value</p> <p>Find different combinations of coins that equal the same amounts of money</p> <p>Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change</p>	<p>Count in steps of 2, 3, and 5 from 0, and in 10s from any number, forward and backward</p> <p>Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers</p> <p>Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division (÷) and equals (=) signs</p> <p>Identify and describe the properties of 2-D shapes, including the number of sides, and line symmetry in a vertical line</p> <p>Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces</p> <p>Identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid]</p> <p>Compare and sort common 2-D and 3-D shapes and everyday objects</p>	<p>Recognise, find, name and write</p> $\frac{1}{3}, \frac{1}{4}, \frac{2}{4} \text{ and } \frac{3}{4}$ <p>fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity</p> <p>Write simple fractions, for example $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$</p> <p>Compare and sequence intervals of time</p> <p>Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times</p> <p>Know the number of minutes in an hour and the number of hours in a day</p>	<p>Add and subtract numbers using concrete objects, pictorial representations, and mentally, including:</p> <ul style="list-style-type: none"> 2 two-digit numbers adding 3 one-digit numbers <p>Show that addition of 2 numbers can be done in any order (commutative) and subtraction of 1 number from another cannot</p> <p>Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems</p> <p>choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); compare and order lengths</p> <p>Identify, represent and estimate numbers using different representations, including the number line</p>	<p>Count in steps of 2, 3, and 5 from 0, and in 10s from any number, forward and backward</p> <p>Show that multiplication of 2 numbers can be done in any order (commutative) and division of 1 number by another cannot</p> <p>Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts</p> <p>choose and use appropriate standard units to estimate and measure mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit</p> <p>compare and order mass, volume/capacity and record the results using >, < and =</p> <p>Compare and order numbers from 0 up to 100; use <, > and = signs and record the results using >, < and =</p>	<p>Use place value and number facts to solve problems</p> <p>Solve problems with addition and subtraction: Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts</p> <p>Interpret and construct simple pictograms, tally charts, block diagrams and tables</p> <p>Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity</p> <p>Order and arrange combinations of mathematical objects in patterns and sequences</p> <p>Use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise)</p>
WRM Units	WRM Autumn Units 1,2&3	WRM Autumn Unit 4 WRM Spring Unit 1 WRM Spring Unit 3	WRM Spring Unit 4 WRM Summer Unit 3	WRM Autumn Unit 4 WRM Spring Unit 1 WRM Summer Unit 4	WRM Autumn Unit 2 WRM Spring Unit 5	WRM Summer Units 1&2

Maths Yearly Overviews - Year 3

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Termly Coverage	Place Value Addition & Subtraction Measure – Money - link to addition and subtraction	Multiplication & Division Shape	Fractions	Multiplication and Division Measure – Mass, Capacity - link to counting in 2's, 5's and 10's & scales	Addition & Subtraction Measure – Length and Perimeter – link to addition and subtraction & number order	Problem Solving - + - x ÷ Statistics – link to counting in 2's, 5's and 10's & scales Measure - Time
National Curriculum Objectives	<p>Recognise the place value of each digit in a 3-digit number (100s, 10s, 1s)</p> <p>Compare and order numbers up to 1,000</p> <p>Identify, represent and estimate numbers using different representations</p> <p>Read and write numbers up to 1,000 in numerals and in words</p> <p>Add and subtract numbers mentally, including:</p> <ul style="list-style-type: none"> a three-digit number and 1s a three-digit number and 10s a three-digit number and 100s <p>Add and subtract numbers with up to 3 digits, using formal written methods of columnar addition and subtraction</p> <p>Add and subtract amounts of money to give change, using both £ and p in practical contexts</p>	<p>Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number</p> <p>Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables</p> <p>Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods</p> <p>Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them</p> <p>Recognise angles as a property of shape or a description of a turn</p> <p>Identify right angles, recognise that 2 right angles make a half-turn, 3 make three-quarters of a turn and 4 a complete turn; identify whether angles are greater than or less than a right angle</p> <p>Identify horizontal and vertical lines and pairs of perpendicular and parallel lines</p>	<p>Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10</p> <p>Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators</p> <p>Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators</p> <p>Recognise and show, using diagrams, equivalent fractions with small denominators</p> <p>Add and subtract fractions with the same denominator within one whole</p> <p>Compare and order unit fractions, and fractions with the same denominators</p> <p>Solve problems that involve all of the above</p>	<p>Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number</p> <p>Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables</p> <p>Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods</p> <p>Measure, compare, add and subtract: mass (kg/g); volume/capacity (l/ml)</p>	<p>Add and subtract numbers with up to 3 digits, using formal written methods of columnar addition and subtraction</p> <p>Estimate the answer to a calculation and use inverse operations to check answers</p> <p>Measure the perimeter of simple 2-D shapes</p> <p>Measure, compare, add and subtract: lengths (m/cm/mm)</p>	<p>Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction</p> <p>Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects</p> <p>Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks</p> <p>Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, am/pm, morning, afternoon, noon and midnight</p> <p>know the number of seconds in a minute and the number of days in each month, year and leap year</p> <p>Compare durations of events</p> <p>interpret and present data using bar charts, pictograms and tables</p> <p>Solve one-step and two-step questions using information presented in scaled bar charts and pictograms and tables</p>
WRM Units	WRM Autumn Unit 1 WRM Autumn Unit 2 WRM Spring Unit 2	WRM Autumn Unit 3 WRM Summer Unit 3	WRM Spring Unit 5 WRM Summer Unit 1	WRM Spring Unit 1 WRM Summer Unit 4	WRM Autumn Unit 2 WRM Spring Unit 4	WRM Spring Unit 3 WRM Summer Unit 2

Maths Yearly Overviews - Year 4

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Termly Coverage	Place Value Addition & Subtraction	Multiplication & Division Shape	Fractions	Decimals Measure – Money - link to decimals	Addition & Subtraction Measure – Length, Perimeter and Area – link to addition and subtraction	Multiplication & Division Statistics Measure - Time
National Curriculum Objectives	<p>Find 1,000 more or less than a given number</p> <p>Count backwards through 0 to include negative numbers</p> <p>Recognise the place value of each digit in a four-digit number</p> <p>Order and compare numbers beyond 1,000</p> <p>Identify, represent and estimate numbers using different representations</p> <p>Round any number to the nearest 10, 100 or 1,000</p> <p>Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of 0 and place value</p> <p>Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate</p> <p>Estimate and use inverse operations to check answers to a calculation</p>	<p>Count in multiples of 6, 7, 9, 25 and 1,000</p> <p>Recall multiplication and division facts for multiplication tables up to 12×12</p> <p>Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together 3 numbers</p> <p>Recognise and use factor pairs and commutativity in mental calculations</p> <p>Multiply two-digit and three-digit numbers by a one-digit number using formal written layout</p> <p>Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes</p> <p>Identify acute and obtuse angles and compare and order angles up to 2 right angles by size</p> <p>Identify lines of symmetry in 2-D shapes presented in different orientations</p> <p>Complete a simple symmetric figure with respect to a specific line of symmetry</p> <p>Describe positions on a 2-D grid as coordinates in the first quadrant</p> <p>Describe movements between positions as translations of a given unit to the left/right and up/down</p> <p>Plot specified points and draw sides to complete a given polygon</p>	<p>Recognise and show, using diagrams, families of common equivalent fractions</p> <p>Count up and down in hundredths; recognise that hundredths arise when dividing an object by 100 and dividing tenths by 10</p> <p>Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number</p> <p>Add and subtract fractions with the same denominator</p>	<p>Recognise and write decimal equivalents of any number of tenths or hundreds</p> <p>Recognise and write decimal equivalents to $\frac{1}{2}$ $\frac{1}{4}$ $\frac{3}{4}$</p> <p>Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths</p> <p>Round decimals with 1 decimal place to the nearest whole number</p> <p>Compare numbers with the same number of decimal places up to 2 decimal places</p> <p>Solve simple measure and money problems involving fractions and decimals to 2 decimal places</p> <p>Estimate, compare and calculate different measures, including money in pounds and pence</p>	<p>Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why</p> <p>Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres</p> <p>Find the area of rectilinear shapes by counting squares</p> <p>Convert between different units of measure</p>	<p>Solve problems involving multiplying and adding, including using the distributive law to multiply two-digit numbers by 1 digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects</p> <p>Read, write and convert time between analogue and digital 12- and 24-hour clocks</p> <p>Solve problems involving converting from hours to minutes, minutes to seconds, years to months, weeks to days</p> <p>Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs</p> <p>Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs</p>
WRM Units	WRM Autumn Units 1, 2&3 Spring Unit 2	WRM Autumn Unit 4 WRM Summer Units 5&6	WRM Spring Unit 3	WRM Spring Unit 4 Summer Unit 1&2		WRM Spring Unit 1 Summer Units 3&4

Maths Yearly Overviews - Year 5

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Termly Coverage	Place Value Addition & Subtraction Measure – Length, Perimeter and Area – link to addition and subtraction	Multiplication & Division Shape Measure – Volume – Link to shape	Fractions	Decimals & Percentages Measure – Time & Money - link to decimals	Addition & Subtraction Shape – Position and directions Measure - Conversions	Multiplication & Division Statistics
National Curriculum Objectives	<p>Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit</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 0</p> <p>Round any number up to 1,000,000 to the nearest 10, 100, 1,000, 10,000 and 100,000</p> <p>Read Roman numerals to 1,000 (M) and recognise years written in Roman numerals</p> <p>Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)</p> <p>Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy</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), including using standard units, square centimetres (cm²) and square metres (m²), and estimate the area of irregular shapes</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>Multiply and divide numbers mentally, drawing upon known facts</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>Multiply and divide whole numbers and those involving decimals by 10, 100 and 1,000</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 rates</p> <p>Identify 3-D shapes, including cubes and other cuboids, from 2-D representations</p> <p>Estimate volume</p>	<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>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>Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams</p> <p>Read and write decimal numbers as fractions</p>	<p>Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents</p> <p>Round decimals with 2 decimal places to the nearest whole number and to 1 decimal place</p> <p>Read, write, order and compare numbers with up to 3 decimal places</p> <p>Solve problems involving number up to 3 decimal places</p> <p>Recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per 100', and write percentages as a fraction with denominator 100, and as a decimal fraction</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>Solve problems involving converting between units of time</p>	<p>Add and subtract numbers mentally with increasingly large numbers</p> <p>Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why</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 (°)</p> <p>Identify:</p> <ul style="list-style-type: none"> angles at a point and 1 whole turn (total 360°) angles at a point on a straight line and half a turn (total 180°) other multiples of 90° use the properties of rectangles to deduce related facts and find missing lengths and angles distinguish between regular and irregular polygons based on reasoning about equal sides and angles <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>Convert between different units of metric measure</p> <p>Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints</p>	<p>Identify multiples and factors, including finding all factor pairs of a number, and common factors of 2 numbers</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>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 comparison, sum and difference problems using information presented in a line graph</p> <p>Complete, read and interpret information in tables, including timetables</p>
WRM Units	WRM Autumn Units 1&2 Summer Unit 4	WRM Autumn Unit 4 Summer Unit 2, 3 & 5	WRM Spring Unit 2	WRM Spring Unit 3 Summer Unit 1	WRM Autumn Unit 5	WRM Spring Unit 1 WRM Autumn Unit 3

Maths Yearly Overviews - Year 6

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Termly Coverage	Place Value Addition & Subtraction Measure – Volume, Perimeter & Area – Link to four operations	Multiplication & Division Algebra & Ratio	Fractions	Decimals & Percentages Measure – Time & Money - link to decimals Measure – Conversions – Link to Decimals	Addition & Subtraction- Problem Solving & Investigation Geometry – Position and directions & Properties of Shape	Multiplication & Division - Problem Solving & Investigation Statistics
National Curriculum Objectives	<p>Read, write, order and compare numbers up to 10,000,000 and determine the value of each digit</p> <p>Round any whole number to a required degree of accuracy</p> <p>Use negative numbers in context, and calculate intervals across 0</p> <p>Solve number and practical problems that involve all of the above</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 (m³), and extending to other units [for example, mm³ and km³]</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> <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>Perform mental calculations, including with mixed operations and large numbers</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 4 operations</p> <p>Use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy</p> <p>Use simple formulae</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 2 unknowns</p> <p>Enumerate possibilities of combinations of 2 variables</p>	<p>Use common factors to simplify fractions; use common multiples to express fractions in the same denomination</p> <p>Compare and order fractions, including fractions >1</p> <p>Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions</p> <p>Multiply simple pairs of proper fractions, writing the answer in its simplest form</p> $\frac{1}{4} \times \frac{1}{2} = \frac{1}{8}$ <p>[for example, $\frac{1}{4} \times \frac{1}{2} = \frac{1}{8}$]</p> <p>Divide proper fractions by whole numbers [for example, $\frac{1}{3} \div 2 = \frac{1}{6}$]</p> <p>Associate a fraction with division and calculate decimal fraction equivalents [for example, 0.375] for a simple fraction</p> $\frac{3}{8}$ <p>[for example, $\frac{3}{8}$]</p>	<p>Identify the value of each digit in numbers given to 3 decimal places and multiply and divide numbers by 10, 100 and 1,000 giving answers up to 3 decimal places</p> <p>Multiply one-digit numbers with up to 2 decimal places by whole numbers</p> <p>Use written division methods in cases where the answer has up to 2 decimal places</p> <p>Solve problems which require answers to be rounded to specified degrees of accuracy</p> <p>Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts</p> <p>Solve problems involving the calculation and conversion of units of measure, using decimal notation up to 3 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 3 decimal places</p> <p>Convert between miles and kilometres</p>	<p>Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why</p> <p>Draw 2-D shapes using given dimensions and angles</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 4 quadrants)</p> <p>Draw and translate simple shapes on the coordinate plane, and reflect them in the axes</p>	<p>Solve problems involving addition, subtraction, multiplication and division</p> <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>
WRM Units	WRM Autumn Units 1&2 Spring Units 4&5	WRM Autumn Unit 3	WRM Spring Units 1& 2	WRM Spring Units 3&6	WRM Summer Units 1, 2&4 Autumn Unit 4	WRM Summer Units 2,3 & 4