Primary Maths Curriculum Map – Madley Primary School

	Autumn	Spring	Summer
Year 1	Place Value – within 10	Addition and Subtraction	Multiplication and Division
	Count to ten, forwards and	Represent and use number bonds	Count in multiples of twos, fives and
	backwards, beginning with 0 or	and related subtraction facts within	tens.
	1, or from any given number.	20	
			Solve one step problems involving
	Count, read and write numbers	Read, write and interpret	multiplication and division, by
	to 10 in numerals and words.	mathematical statements involving	calculating the answer using
		addition (+), subtraction (-) and	concrete objects, pictorial
	Given a number, identify one	equals (=) signs.	representations and arrays with the
	more or one less.		support of the teacher.
		Add and subtract one-digit and two	
	Identify and represent numbers	digit numbers to 20, including zero.	<u>Fractions</u>
	using objects and pictorial		Recognise, find and name a half as
	representations including the	Solve one step problems that	one of two equal parts of an object,
	number line, and use the	involve addition and subtraction,	shape or quantity.
	language of: equal to, more	using concrete objects and pictorial	
	than, less than (fewer), most,	representations, and missing	Recognise, find and name a quarter
	least.	number problems such as 7=9	as one of four equal parts of an
			object, shape or quantity.
	Addition and Subtraction	Place Value – within 50	
	Represent and use number	Count to 50 forwards and	Compare, describe and solve
	bonds and related subtraction	backwards, beginning with 0 or 1, or	practical problems for: lengths and
	facts within 10	from any number.	heights (for example, long/short,
			longer/shorter, tall/short,
	Read, write and interpret	Count, read and write numbers to	double/half)
	mathematical statements	50 in numerals.	
	involving addition (+),		Compare, describe and solve
	subtraction (-) and equals (=)	Given a number, identify one more	practical problems for: mass/weight
	signs.	or one less.	[for example, heavy/light, heavier
			than, lighter than]; capacity and
	Add and subtract one digit	Identify and represent numbers	volume [for example, full/empty,
	numbers to 10, including zero.	using objects and pictorial	more than, less than, half, half full,

Solve one step problems that involve addition and subtraction, using concrete objects and pictorial representations and missing number problems.

Geometry - Shape

Recognise and name common 2-D shapes, including: (for example, rectangles (including squares), circles and triangles)

Recognise and name common 3-D shapes, including: (for example, cuboids (including cubes), pyramids and spheres.)

Place Value - Within 20

Count to twenty, forwards and backwards, beginning with 0 or 1, from any given number.

Count, read and write numbers to 20 in numerals and words.

Given a number, identify one more or one less.

Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than,

representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least.

Count in multiples of twos, fives and tens.

Measurement - Length and Height

Measurement: Length and Height Measure and begin to record lengths and heights.

Compare, describe and solve practical problems for: lengths and heights (for example, long/short, longer/shorter, tall/short, double/half)

Measurement – Shape and Volume

Measurement: Weight and Volume Measure and begin to record mass/weight, capacity and volume.

Compare, describe and solve practical problems for 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]

quarter]

Geometry – Position and Direction

Describe position, direction and movement, including whole, half, quarter and three quarter turns.

Place Value – up to 100

Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number.

Count, read and write numbers to 100 in numerals.

Given a number, identify one more and one less.

Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than, most, least.

Measurement – Money

Recognise and know the value of different denominations of coins and notes.

Measurement - Time

Sequence events in chronological order using language [for example, before and after, next, first, today, yesterday, tomorrow, morning,

	less than (fewer), most, least.		afternoon and evening.
			Recognise and use language relating to dates, including days of the week, weeks, months and years.
			Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times.
			Compare, describe and solve practical problems for time [for example, quicker, slower, earlier, later]
			Measure and begin to record time (hours, minutes, seconds)
Year 2	Place Value Read and write numbers to at	Multiplication and Division	Geometry – Position and Direction Use mathematical vocabulary to
	least 100 in numerals and in	Recall and use multiplication and division facts for the 2, 5 and 10	describe position, direction and
	words.	times tables, including recognising	movement including movement in a
		odd and even numbers.	straight line and distinguishing
	Recognise the place value of		between rotation as a turn and in
	each digit in a two digit number	Calculate mathematical statements	terms of right angles for quarter,
	(tens, ones)	for multiplication and division	half and three-quarter turns
		within the multiplication tables and	(clockwise and anti-clockwise).
	Identify, represent and estimate numbers using different	write them using the multiplication (x), division (÷) and equals (=) signs.	Order and arrange combinations of mathematical objects in patterns
	representations including the	(*), division (÷) and equals (=) signs.	and sequences.
	number line.	Solve problems involving	and sequences.
		multiplication and division, using	Measurement – Time
	Compare and order numbers	materials, arrays, repeated addition,	Tell and write the time to five
	from 0 up to 100; use <, > and =	mental methods and multiplication	minutes, including quarter past/to
	signs.	and division facts, including	the hour and draw the hands on a
		problems in contexts.	clock face to show these times.

Use place value and number facts to solve problems.
Count in steps of 2, 3 and 5 from 0, and in tens from any number, forward and backward.

Addition and Subtraction

Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.

Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and ones; a two-digit number and tens; two two-digit numbers; adding three one-digit numbers.

Show that the addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot.

Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures; applying their increasing knowledge of mental and written methods.

Recognise and use the inverse relationship between addition and

Show that the multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot.

Statistics

Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.

Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity.

Ask and answer questions about totalling and comparing categorical data.

Geometry – Properties of Shape

Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line.

Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces.

Identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid.]

Know the number of minutes in an hour and the number of hours in a day.

Compare and sequence intervals of time.

Mass, Capacity and Temperature

Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels.

Compare and order lengths, mass, volume/capacity and record the results using >, < and =

subtraction and use this to check calculations and solve missing number problems.

Measurement - Money

Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value.

Find different combinations of coins that equal the same amounts of money.

Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.

Multiplication and Division

Recall and use multiplication and division facts for the 2, 5 and 10 times tables, including recognising odd and even numbers.

Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division (÷) and equals (=) sign.

Compare and sort common 2-D and 3-D shapes and everyday objects.

Fractions

Recognise, find, name and write fractions ½ ¼ ¾ and 1/3 of a length, shape, set of objects or quantity.

Write simple fractions for example $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$.

Measurement - Length and Height

Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels.

Compare and order lengths, mass, volume/capacity and record the results using >, < and =.

	Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in contexts. Show that the multiplication of two numbers can be done in any order (commutative) and		
	division of one number by another cannot.		
Year 3	Place Value	Multiplication and Division	Fractions
	Identify, represent and estimate	Recall and use multiplication and	Recognise and show, using
	numbers using different	division facts for the 3, 4 and 8	diagrams, equivalent fractions with
	representations.	multiplication tables.	small denominators.
	Find 10 or 100 more or less than a given number Recognise the place value of each digit in a three-digit	Write and calculate mathematical statements for multiplication and division using the multiplication tables they know, including for two	Compare and order unit fractions, and fractions with the same denominators.
	number (hundreds, tens, ones). Compare and order numbers up to 1000.	digit numbers times one-digit numbers, using mental and progressing to formal written	Add and subtract fractions with the same denominator within one whole
	Read and write numbers up to	methods.	[for example, 5/7 + 1/7 = 6/7]
	1000 in numerals and in words. Solve number problems and practical problems involving	Solve problems, including missing number problems, involving multiplication and division,	Solve problems that involve all of the above.
	these ideas.	including positive integer scaling problems and correspondence	Measurement – Time Tell and write the time from an
	Count from 0 in multiples of 4,	problems in which n objects are	analogue clock, including using
	8, 50 and 100.	connected to m objectives.	Roman numerals from I to XII and
			12-hour and 24-hour clocks.

Addition and Subtraction

Add and subtract numbers mentally, including: a three-digit number and ones; a three-digit number and tens; a three digit number and hundreds.

Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction.

Estimate the answer to a calculation and use inverse operations to check answers.

Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.

Multiplication and Division

Count from 0 in multiples of 4, 8, 50 and 100

Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.

Write and calculate mathematical statements for multiplication and division using the multiplication tables they know, including for two-digit

Measurement - Money

Add and subtract amounts of money to give change, using both £ and p in practical contexts.

Statistics

Interpret and present data using bar charts, pictograms and tables.

Solve one-step and two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables.

Length and Perimeter

Interpret and present data using bar charts, pictograms and tables.

Solve one-step and two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables.

<u>Fractions</u>

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

Recognise and use fractions as

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, a.m./p.m., morning, afternoon, noon and midnight.

Know the number of seconds in a minute and the number of days in each month, year and leap year.

Compare durations of events [for example to calculate the time taken by particular events or tasks].

Geometry – Properties of Shape

Recognise angles as a property of shape or a description of a turn.

Identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle.

Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.

Draw 2-D shapes and make 3-D shapes using modelling materials. Recognise 3-D shapes in different

	numbers times one-digit	numbers: unit fractions and non-	orientations and describe them.
	numbers, using mental and	unit fractions with small	
	progressing to formal written	denominators.	Measurement – Mass and Capacity
	methods.		Measure, compare, add and
		Recognise, find and write fractions	subtract: lengths (m/cm/mm); mass
	Solve problems, including	of a discrete set of objects: unit	(kg/g); volume/capacity (l/ml)
	missing number problems,	fractions and non-unit fractions with	
	involving multiplication and	small denominators.	
	division, including positive		
	integer scaling problems and	Solve problems that involve all of	
	correspondence problems in	the above.	
	which n objects are connected		
	to m objectives.		
Year 4	Place Value	Multiplication and Division	<u>Decimals</u>
	Count in multiples of 6, 7, 9. 25	Recall and use multiplication and	Compare numbers with the same
	and 1000.	division facts for multiplication	number of decimal places up to two
		tables up to 12 × 12.	decimal places.
	Find 1000 more or less than a		
	given number.	Use place value, known and derived	Round decimals with one decimal
		facts to multiply and divide	place to the nearest whole number.
	Recognise the place value of	mentally, including: multiplying by 0	Recognise and write decimal
	each digit in a four digit number	and 1; dividing by 1; multiplying	equivalents to ¼ ½ and ¾
	(thousands, hundreds, tens and	together three numbers.	
	ones)		Find the effect of dividing a one or
		Recognise and use factor pairs and	two digit number by 10 or 100,
	Order and compare numbers	commutativity in mental	identifying the value of the digits in
	beyond 1000	calculations.	the answer as ones, tenths and
	•		hundredths.
	Identify, represent and estimate	Multiply two digit and three digit	
	numbers using different	numbers by a one digit number	Measurement – Money
	representations.	using formal written layout.	Estimate, compare and calculate
			different measures, including
	Round any number to the	Solve problems involving	money in pounds and pence.
	nearest 10, 100 or 1000	multiplying and adding, including	
		using the distributive law to multiply	Solve simple measure and money

Solve number and practical problems that involve all of the above and with increasingly large positive numbers.

Count backwards through zero to include negative numbers.

Addition and Subtraction

Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate.

Estimate and use inverse operations to check answers to a calculation.

Solve addition and subtraction two step problems in contexts, deciding which operations and methods to use and why.

Measurement – Length and Perimeter

Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres.

Convert between different units of measure [for example, kilometre to metre]

two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects.

Measurement – Area

Find the area of rectilinear shapes by counting squares.

Fractions

Recognise and show, using diagrams, families of common equivalent fractions.

Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten.

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.

Add and subtract fractions with the same denominator.

Decimals

Recognise and write decimal equivalents of any number of tenths or hundredths.

Find the effect of dividing a one or

problems involving fractions and decimals to two decimal places.

Measurement - Time

Convert between different units of measure [for example, kilometre to metre; hour to minute]

Read, write and convert time between analogue and digital 12-and 24-hour clocks.

Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.

Statistics

Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.

Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.

Geometry – Properties of Shape

Identify acute and obtuse angles and compare and order angles up to two right angles by size.

	Multiplication and Division Recall and use multiplication and division facts for multiplication tables up to 12 × 12. Count in multiples of 6, 7, 9. 25 and 1000 Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers. Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects.	two digit number by 10 or 100, identifying the value of the digits in the answer as ones, tenths and hundredths. Solve simple measure and money problems involving fractions and decimals to two decimal places. Convert between different units of measure [for example, kilometre to metre]	Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes. Identify lines of symmetry in 2-D shapes presented in different orientations. Complete a simple symmetric figure with respect to a specific line of symmetry. Geometry – Position and Direction Describe positions on a 2-D grid as coordinates in the first quadrant. Plot specified points and draw sides to complete a given polygon. Describe movements between positions as translations of a given unit to the left/ right and up/ down.
Year 5	Place Value Read, write, order and compare numbers to at least 1000000 and determine the value of each digit. Count forwards or backwards in steps of powers of 10 for any given number up to 1000000. Interpret negative numbers in	Multiplication and Division Multiply and divide numbers mentally drawing upon known facts. Multiply numbers up to 4 digits by a one or two digit number using a formal written method, including long multiplication for 2 digit numbers. Divide numbers up to 4 digits by a one digit number using the formal	Decimals Solve problems involving number up to three decimal places. Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000 Use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation,

context, count forwards and backwards with positive and negative whole numbers including through zero.

Round any number up to 1000000 to the nearest 10, 100, 1000, 10000 and 100000

Solve number problems and practical problems that involve all of the above.

Read Roman numerals to 1000 (M) and recognise years written in Roman numerals.

Addition and Subtraction

Add and subtract numbers mentally with increasingly large numbers.

Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction) 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

written method of short division and interpret remainders appropriately for the context.

Solve problems involving addition and subtraction, multiplication and division and a combination of these, including understanding the use of the equals sign.

Fractions

Compare and order fractions whose denominators are multiples of the same number.

Identify, name and write equivalent fractions of a given fraction, represented visually including tenths and hundredths.

Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements >1 as a mixed number [for example 2/5 + 4/5 = 6/5 = 1 whole and 1/5]

Add and subtract fractions with the same denominator and denominators that are multiples of the same number.

Fractions

Multiply proper fractions and mixed numbers by whole numbers,

including scaling.

Geometry – Properties of Shapes

Identify 3D shapes, including cubes and other cuboids, from 2D representations.

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.

Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles. Draw given angles, and measure them in degrees (o)

Identify: angles at a point and one whole turn (total 3600), angles at a point on a straight line and ½ a turn (total 1800) other multiples of 900

Geometry – Position and Direction

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.

<u>Measurement – Converting Units</u> Convert between different units of contexts, deciding which operations and methods to use and why.

Statistics

Solve comparison, sum and difference problems using information presented in a line graph.

Complete, read and interpret information in tables including timetables.

Multiplication and Division

Multiply and divide numbers mentally drawing upon known facts. Multiply and divide whole numbers by 10, 100 and 1000.

Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers.

Recognise and use square numbers and cube numbers and the notation for squared (2) and cubed (3)

Solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes.

Know and use the vocabulary of

supported by materials and diagrams.

Read and write decimal numbers as fractions [for example 0.71 = 71/100]

Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates.

Decimals and Percentages

Read, write, order and compare numbers with up to three decimal places.

Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents.

Round decimals with two decimal places to the nearest whole number and to one decimal place.

Solve problems involving number up to three decimal places.

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.

metric measure [for example, km and m; cm and m; cm and mm; g and kg; I and ml]

Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints.
Solve problems involving converting between units of time.

Measurement - Volume

Estimate volume [for example using 1cm3 blocks to build cuboids (including cubes)] and capacity [for example, using water]

Use all four operations to solve problems involving measure.

	prime numbers, prime factors and composite (non-prime) numbers. Establish whether a number up to 100 is prime and recall prime numbers up to 19. Perimeter and Area Measure and calculate the perimeter of composite rectilinear shapes in cm and m.	Solve problems which require knowing percentage and decimal equivalents of ½ ¼ ¾ 1/5 2/5 4/5 and those fractions with a denominator of a multiple of 10 or 25.	
	Calculate and compare the area of rectangles (including squares), and including using standard units, cm2,m2 estimate the area of irregular shapes.		
Year 6	Place Value Read, write, order and compare numbers up to 10,000,000 and determine the value of each digit. Round any whole number to a required degree of accuracy. Use negative numbers in context, and calculate intervals across zero. Solve number and practical problems that involve all of the above.	Decimals Identify the value of each digit in numbers given to 3 decimal places and multiply numbers by 10, 100 and 1,000 giving answers up to 3 decimal places. Multiply one-digit numbers with up to 2 decimal places by whole numbers. Use written division methods in cases where the answer has up to 2 decimal places. Solve problems which require	Geometry – Position and Shape Draw 2-D shapes using given dimensions and angles. Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals and regular polygons. Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles. Statistics
	Four Operations	answers to be rounded to specified degrees of accuracy.	Illustrate and name parts of circles, including radius, diameter and

Solve addition and subtraction multi step problems in contexts, deciding which operations and methods to use and why.

Multiply multi-digit number up to 4 digits by a 2-digit number using the formal written method of long multiplication.

Divide numbers up to 4 digits by a 2-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.

Divide numbers up to 4 digits by a 2-digit number using the formal written method of short division, interpreting remainders according to the context.

Perform mental calculations, including with mixed operations and large numbers.

Identify common factors, common multiples and prime numbers.

Use their knowledge of the order of operations to carry out calculations involving the four operations.

Percentages

Solve problems involving the calculation of percentages [for example, of measures and such as 15% of 360] and the use of percentages for comparison.

Recall and use equivalences between simple fractions, decimals and percentages including in different contexts.

Algebra

Use simple formulae.

Generate and describe linear number sequences.

Express missing number problems algebraically.

Find pairs of numbers that satisfy an equation with two unknowns.

Enumerate possibilities of combinations of two variables.

Measurement – Converting Units

Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate.

circumference and know that the diameter is twice the radius. Interpret and construct pie charts and line graphs and use these to solve problems.

Calculate the mean as an average.

Solve problems involving addition, subtraction, multiplication and division.

Use estimation to check answers to calculations and determine in the context of a problem, an appropriate degree of accuracy.

Fractions

Use common factors to simplify fractions; use common multiples to express fractions in the same denomination.

Compare and order fractions, including fractions > 1

Generate and describe linear number sequences (with fractions)

Add and subtract fractions with different denominations and mixed numbers, using the concept of equivalent fractions.

Multiply simple pairs of proper fractions, writing the answer in its simplest form [for example $\frac{1}{4}$ x $\frac{1}{2}$ = $\frac{1}{8}$]

Divide proper fractions by whole numbers [for example $1/3 \div 2 = 1/6$] 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 3dp.

Convert between miles and kilometres.

Perimeter, Area and Volume

Recognise that shapes with the same areas can have different perimeters and vice versa.

Recognise when it is possible to use formulae for area and volume of shapes.

Calculate the area of parallelograms and triangles.

Calculate, estimate and compare volume of cubes and cuboids using standard units, including cm3, m3 and extending to other units (mm3, km3)

Ratio

Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts.

Associate a fraction with division and calculate decimal fraction equivalents [for example, 0.375] for a simple fraction [for example 3/8] Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts.	Solve problems involving similar shapes where the scale factor is known or can be found. Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.	
Geometry Describe positions on the full coordinate grid (all four quadrants). Draw and translate simple shapes on the coordinate plane, and reflect them in the axes.		