

Year 1 Yearly Overview

Number: Number and Place Value						
Counting		Identifying, representing and estimating numbers	Reading and writing numbers	Comparing numbers		
Count to and across 100, forwards & backwards, beginning with 0 or 1, or from any given number	Count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens	Identify & represent numbers using objects and pictorial representations including the number line	read and write numbers from 1 to 20 in numerals and words.	Given a number, identify one more and one less, and use language of: equal to, more than, less than (fewer), most, least		
Number: Addition and Subtraction						
Number bonds	Mental Calculation	Written Calculation	Inverse operations, estimating & checking answers	Problem solving		
Represent and use number bonds and related subtraction facts within 20	Add and subtract 1-digit and 2-digit numbers to 20, including zero	Read, write and interpret mathematical statements involving addition (+), subtraction (-) equals (=) signs	Read, write and interpret mathematical statements involving addition (+), subtraction (-) equals (=) signs	Solve one-step problems that involve addition and subtraction, using concrete objects & pictorial representations and missing problems		
Number: Multiplication and Division – 3 weeks		Number: Fractions – 3 weeks				
Multiplication and division facts		Counting in fractional steps		Recognising fractions		
count in multiples of twos, fives and tens	Solve one-step problems involving multiplication and division, calculating the answer using concrete objects, pictorial representations & arrays with teacher support	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 one of four equal parts of an object, shape or quantity		
Measurement						
Comparing and estimating				Measuring and calculating		
Compare, describe and solve practical problems for lengths and heights	Compare, describe and solve practical problems for mass/weight	Compare, describe and solve practical problems for capacity and volume	Compare, describe and solve practical problems for time	Measure and begin to record mass/weight	Measure and begin to record lengths and heights	
Telling the time					Money	
Sequence events in chronological order using language, e.g. morning, afternoon...	Recognise & use language relating to dates, incl. days of the week, weeks, months/years	Tell the time to the hour/ half past and draw hands on a clock face to show these times	Measure and begin to record the following: time (hours, minutes, seconds)	Recognise and know the value of different denominations of coins and notes		
Geometry: Properties of Shape				Geometry: Position and Direction		
Identifying shapes and their properties				Position, direction and movement		
Recognise and name common 2-D (E.g. circles, rectangles, triangles)	Recognise and name common 3-D shapes (E.g. spheres, cuboids, pyramids)		Describe position, direction and movement, including whole, half, quarter and three-quarter turns.			

Year 2 Yearly Overview

Number: Number and Place Value							
Counting	Understanding place value	Identifying, representing and estimating numbers	Comparing numbers	Reading and writing numbers	Problem solving		
Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward	Recognise the place value of each digit in a two-digit number (tens, ones)	Identify, represent and estimate numbers using different representations, including the number line	Compare and order numbers from 0 up to 100; use <, > and = signs	Read and write numbers to at least 100 in numerals and in words	Use place value and number facts to solve problems		
Number: Addition and Subtraction							
Mental Calculation							
Add and subtract numbers using concrete objects, pictorial representations, and mentally, including a two-digit number and ones	Add and subtract numbers using concrete objects, pictorial representations, and mentally, including a two-digit number and tens	Add and subtract numbers using concrete objects, pictorial representations, and mentally, including two two-digit numbers	Add and subtract numbers using concrete objects, pictorial representations, and mentally, including adding three one-digit numbers	Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot			
Number bonds		Inverse operations, estimating and checking answers		Problem solving			
Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100		Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems		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			
Number: Multiplication and Division							
Multiplication and division facts		Mental calculation	Written calculation	Problem solving			
Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers		Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot	Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs	Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts			
Number: Fractions							
Counting in fractional steps			Recognising fractions		Equivalence		
<i>Pupils should count in fractions up to 10, starting from any number and using the $\frac{1}{2}$ and $\frac{1}{4}$ equivalence on the number line (non-statutory)</i>			Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ 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							
Comparing & estimating		Measuring and calculating			Telling the time		
Compare and order lengths, mass, volume/capacity and record the results using >, < and =	Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature ($^{\circ}\text{C}$); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels	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	Compare and sequence intervals of time	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	Know the number of minutes in an hour and the number of hours in a day

Geometry: Properties of Shape			Geometry: Position and Direction		
Identifying shapes and their properties		Comparing & classifying	Pattern	Position, direction and movement	
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]	Compare and sort common 2-D and 3-D shapes and everyday objects	Order and arrange combinations of mathematical objects in patterns and sequences	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).
Statistics					
Interpreting, constructing and representing data					
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	

Year 3 Yearly Overview

Number: Number and Place Value								
Counting	Understanding place value	Identifying, representing, estimating	Comparing numbers	Reading & writing numbers	Problem solving			
Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number	Recognise the place value of each digit in a 3-digit number (100s, 10s, 1s)	Identify, represent and estimate numbers using different representations	Compare and order numbers up to 1000	Read and write numbers up to 1000 in numerals and in words	solve number problems and practical problems involving these ideas.			
Number: Addition and Subtraction								
Mental Calculation	Written methods		Inverse operations, estimating & checking answers		Problem solving			
Add and subtract numbers mentally, including a 3-digit number and ones; a 3-digit number and tens and a 3-digit number and hundreds	Add and subtract numbers with up to 3 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			
Number: Multiplication and Division								
Mental calculation			Written calculation		Problem solving			
Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables	Write and calculate mathematical statements for \times and \div using the multiplication tables that they know, including for 2-digit numbers times 1-digit numbers, using mental and progressing to formal written methods		Write and calculate mathematical statements for \times and \div using the multiplication tables that they know, including for 2-digit numbers times 1-digit numbers, using mental and progressing to formal written methods		Solve problems, including missing number problems, involving \times and \div , including positive integer scaling problems and correspondence problems in which n objects are connected to m objects.			
Number: Fractions								
Counting in fractional steps	Recognising fractions			Comparing fractions	Adding fractions	Equivalence		
Count up & down in tenths	recognise that tenths arise from dividing an object into 10 equal parts and in dividing 1-digit numbers or quantities by 10	Recognise, find & write fractions of a discrete set of objects: unit fractions & non-unit fractions with small denominators	Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators	Compare and order unit fractions, and fractions with the same denominators	Add and subtract fractions with the same denominator within one whole [for example, $5/7 + 1/7 = 6/7$]	Recognise and show, using diagrams, equivalent fractions with small denominators		
Measurement								
Comparing	Measuring and calculating			Telling the time				
Compare durations of events [E.g. to calculate the time taken by particular events or tasks].	Measure the perimeter of simple 2-D shapes	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)	Add and subtract amounts of money to give change, using both £ and p in practical contexts	Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour & 24-hour clocks	Know the number of seconds in a minute and the number of days in each month, year and leap year	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, noon & midnight		
Geometry: Properties of Shape					Statistics			
Drawing & constructing		Angles			Interpreting, constructing and representing data			
Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them	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.	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.			

Year 4 Yearly Overview

Number: Number and Place Value										
Counting		Identifying, representing & estimating		Comparing numbers	Understanding place value	Reading and writing numbers	Rounding	Problem solving		
Count in multiples of 6, 7, 9, 25 and 1000	Find 1000 more or less than a given number	Count backward through zero to include negative numbers	Identify, represent and estimate numbers using different representations	Order and compare numbers beyond 1000	Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)	read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value.	Round any number to the nearest 10, 100 and 1000	Solve number and practical problems that involve all of the above and with increasingly large positive numbers		
Number: Addition and Subtraction										
Written Calculation			Inverse, estimating & checking answers			Problem solving				
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				
Number: Multiplication and Division										
Mental calculation		Multiplication & division facts		Written calculation	Properties of numbers	Inverse, estimating & checking answers	Problem solving			
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	recognise and use factor pairs and commutativity in mental calculations	count in multiples of 6, 7, 9, 25 and 1000	recall multiplication and division facts for tables up to 12×12	Multiply 2-digit and 3-digit numbers by a one-digit number using formal written layout	recognise and use factor pairs and commutativity in mental calculations	Estimate and use inverse operations to check answers to a calculation	Solve problems involving multiplying & adding, including using the distributive law to multiply 2-digit nos by 1 digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects			
Number: Fractions										
Counting	Recognising fractions		Comparing decimals	Rounding		Equivalence				
Count up and down in hundredths	recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten		Compare numbers with the same number of decimal places up to two decimal places	Round decimals with one decimal place to the nearest whole number		Recognise and show, using diagrams, families of common equivalent fractions	Recognise and write decimal equivalents of any number of tenths or hundredths	Recognise and write decimal equivalents to $\frac{1}{4}$ $\frac{1}{2}$ $\frac{3}{4}$		
Addition and subtraction		Multiplication and division			Problem solving					
Add and subtract fractions with the same denominator		Find effect of dividing a one- or two-digit no. by 10 and 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		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			
Measurement										
Comparing & estimating		Measuring and calculating				Telling the time				
estimate, compare and calculate different measures, including money in pounds and pence		find the area of rectilinear shapes by counting squares	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; 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		

Geometry: Properties of Shape				Geometry: Position and Direction		
Identifying properties	Comparing and classifying	Drawing & constructing	Angles	Position, direction and movement		
Identify lines of symmetry in 2-D shapes presented in different orientations	Compare/classify geometric shapes, incl. quadrilaterals and triangles, based on their properties/ sizes	Complete a simple symmetric figure with respect to a specific line of symmetry	Identify acute and obtuse angles and compare and order angles up to two right angles by size	describe positions on a 2-D grid as coordinates in the first quadrant	describe movements between positions as translations of a given unit to the left/right and up/down	plot specified points and draw sides to complete a given polygon
Statistics						
Interpreting, constructing and representing data						
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		

Year 5 Yearly Overview

Number: Number and Place Value									
Counting		Rounding	Understanding place value		Reading and writing numbers		Problem solving		
Interpret negative nos in context, count forwards & backwards in steps of powers of 10 for any given number up to 1,000,000	Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000	Round any number up to 1,000,000 to the nearest 10, 100, 1000, 10,000 and 100,000	read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents		Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit	Read Roman numerals to 1000 (M) & recognise years written in Roman numerals.	Solve number problems and practical problems that involve all of the above		
Number: Addition and Subtraction									
Mental Calculation		Written Calculation		Inverse operations, estimating and checking answers		Problem solving			
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 & subtraction multi-step problems in contexts, deciding which operations & methods to use and why			
Number: Multiplication and Division									
Mental calculation		Written calculation		Properties of numbers					
Multiply and divide numbers mentally drawing upon known facts	Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000	Multiply numbers up to 4 digits by a 1- or 2-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 written method of short division and interpret remainders appropriately for the context	Establish whether a number up to 100 is prime and recall prime numbers up to 19	Know and use the vocabulary of prime numbers, prime factors & composite (non-prime) numbers	Recognise and use square numbers and cube numbers, and the notation for squared (²) and cubed (³)	Identify multiples and factors, including finding all factor pairs of a number, and common factors of 2 numbers		
Problem solving									
Solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes		Solve problems involving +, -, × and ÷, and a combination of these, including understanding the meaning of the equals sign		Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates.					
Number: Fractions									
Recognising fractions		Comparing fractions	Comparing decimals	Rounding	Equivalence				
Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents	Compare and order fractions whose denominators are all multiples of the same number	Read, write, order and compare numbers with up to 3 decimal places	Round decimals with 2 decimal places to the nearest whole number and to 1 decimal place	Identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths	Read and write decimal numbers as fractions [for example, 0.71 = 71/100]	recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents	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		
Addition and subtraction				Multiplication and division	Problem solving				
Add and subtract fractions with the same denominator and denominators that are multiples of the same number	Recognise mixed numbers and improper fractions and convert from one form to the other & write mathematical statements > 1 as a mixed number [for example, $\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = 1\frac{1}{5}$]	Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams	Solve problems involving number up to 3 decimal places	Solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{4}{5}$ and those fractions with a denominator of a multiple of 10 or 25.					

Measurement						
Comparing & estimating	Measuring and calculating			Converting		Telling the time
Estimate volume [for example, using 1 cm ³ blocks to build cuboids (including cubes)] and capacity [for example, using water]	Calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm ²) and square metres (m ²) and estimate the area of irregular shapes	Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres	Use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling.	Convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre)	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
Geometry: Properties of Shape						
Identifying shapes	Drawing	Comparing and classifying			Angles	
Identify 3-D shapes, including cubes & other cuboids, from 2-D representations	Draw given angles, and measure them in degrees ($^{\circ}$)	Distinguish between regular and irregular polygons based on reasoning about equal sides and angles	Use the properties of rectangles to deduce related facts and find missing lengths and angles	Know angles are measured in degrees: estimate & compare acute, obtuse and reflex angles	Identify angles at a point and one whole turn (total 360 $^{\circ}$, angles at a point on a straight line and $\frac{1}{2}$ a turn (total 180 $^{\circ}$), other multiples of 90 $^{\circ}$	
Geometry: Position and Direction				Statistics		
Position, direction and movement				Interpreting, constructing and representing data	Problem solving	
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.				Complete, read and interpret information in tables, including timetables	Solve comparison, sum and difference problems using information presented in a line graph	

Year 6 Yearly Overview

Number: Number and Place Value							
Counting	Reading & writing numbers	Understanding place value		Rounding		Problem solving	
use negative numbers in context, and calculate intervals across zero	read, write, order and compare numbers up to 10 000 000 and determine the value of each digit	read, write, order and compare numbers up to 10 000 000 and determine the value of each digit	identify the value of each digit to three decimal places and multiply and divide numbers by 10, 100 and 1 000 where the answers are up to three decimal places	round any whole number to a required degree of accuracy	solve problems which require answers to be rounded to specified degrees of accuracy	Solve number problems and practical problems that involve all of the above	
Number: Addition and Subtraction							
Mental Calculation		Inverse operations, estimating and checking answers		Problem solving			
Perform mental calculations, including with mixed operations and large numbers.	use their knowledge of the order of operations to carry out calculations involving the four operations	use estimation to check answers to calculations and determine, in the context of a problem, levels of accuracy.		solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why			
Number: Multiplication and Division							
Mental calculation		Written calculation					
perform mental calculations, including with mixed operations and large numbers	multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication	divide numbers up to 4-digits by a two-digit whole number using the formal written method of short division where appropriate for the context	divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division		interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context		
Properties of numbers		Order of operations		Inverse operations, estimating and checking answers		Problem solving	
identify common factors, common multiples and prime numbers		Use their knowledge of the order of operations to carry out calculations involving the four operations		use estimation to check answers to calculations and determine, in the context of a problem, levels of accuracy	solve multiplication and division multi-step problems in contexts, deciding which operations and methods to use and why		
Number: Fractions							
Comparing fractions	Comparing decimals	Rounding	Equivalence			Addition and subtraction	
compare and order fractions, including fractions >1	identify the value of each digit in numbers given to three decimal places	solve problems which require answers to be rounded to specified degrees of accuracy	use common factors to simplify fractions; use common multiples to express fractions in the same denomination	associate a fraction with division and calculate decimal fraction equivalents (e.g. 0.375) for a simple fraction (e.g. $\frac{3}{8}$)	recall and use equivalences between simple fractions, decimals and percentages, including in different contexts.	add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions	
Multiplication and division of fractions			Multiplication and division of decimals				
multiply simple pairs of proper fractions, writing the answer in its simplest form (e.g. $\frac{1}{4} \times \frac{1}{2} = \frac{1}{8}$)	multiply one-digit numbers with up to two decimal places by whole numbers	divide proper fractions by whole numbers (e.g. $\frac{1}{2} \div \frac{1}{6}$)	multiply one-digit numbers with up to two decimal places by whole numbers	multiply and divide numbers by 10, 100 and 1000 where the answers are up to three decimal places	identify the value of each digit to three decimal places and multiply and divide numbers by 10, 100 and 1000 where the answers are up to three decimal places	associate a fraction with division and calculate decimal fraction equivalents (e.g. 0.375) for a simple fraction (e.g. $\frac{3}{8}$)	use written division methods in cases where the answer has up to two decimal places

Algebra				Number: Ratio and proportion				
Equations			Formulae	Sequences	Problem solving			
express missing number problems algebraically	find pairs of numbers that satisfy number sentences involving two unknowns	enumerate all possibilities of combinations of two variables	use simple formulae	generate and describe linear number sequences	solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts	solve problems involving the calculation of percentages [for example, of measures, and such as 15% of 360] and the use of percentages for comparison	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.
Measurement								
Comparing and estimating		Measuring and calculating						
calculate, estimate and compare volume of cubes and cuboids using standard units, including centimetrecubed (cm ³) and cubic metres (m ³), and extending to other units such as mm ³ and km ³ .	solve problems involving the calculation and conversion of units of measure , using decimal notation up to three decimal places where appropriate	recognise that shapes with the same areas can have different perimeters and vice versa	calculate the area of parallelograms and triangles	calculate, estimate and compare volume of cubes and cuboids using standard units, including cubic centimetres (cm ³) and cubic metres (m ³), and extending to other units [e.g. mm ³ and km ³].	recognise when it is possible to use formulae for area and volume of shapes			
Converting								
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	convert between miles and kilometres	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						
Geometry: Properties of Shape								
Identifying shapes			Drawing and constructing		Comparing and classifying		Angles	
recognise, describe and build simple 3-D shapes, including making nets	illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius	draw 2-D shapes using given dimensions and angles	recognise, describe and build simple 3-D shapes, including making nets	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			
Geometry: Position and direction					Statistics			
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.	interpret and construct pie charts and line graphs and use these to solve problems	calculate and interpret the mean as an average				Problem solving	