This is the day that the Lord has made; let us rejoice and be glad in it. Psalm 118

How do we Grow Finchampstead Mathematicians?

EYFS

Autumn	Spring	Summer
• Numbers 1-5 • Comparing groups within 5 • Shape (3d and 2d shapes) • Change within 5 • Number bonds within 5 • Space	• Numbers to 10 • Comparing numbers within 10 • Addition to 10 • Measure (length, height, weight) • Number bonds to 10 • Subtraction • Exploring patterns	• Adding by counting on • Taking away by counting back • Counting to and from 20 • Doubling • Halving and sharing • Odds and evens • Composing and decomposing shapes • Volume and capacity • Sorting into 2 groups • My day

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How do we Grow Finchampstead Mathematicians? KS1

Rosefinch Bullfinch Year 1

Autumn

- 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.
- Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number.
- Given a number, identify one more and one less.
- Represent and use number bonds and related subtraction facts within 20
- Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs
- Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = – 9
- Add and subtract one-digit and two-digit numbers to 20, including zero
- Recognise and name common 2D and 3D shapes, including: 3D shapes [for example, cuboids (including cubes), pyramids and spheres]

Spring

- Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number (to 20)
- Read and write numbers from 1 to 20 in numerals and words.
- 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
- Recognise the place value of each digit in a two-digit number (tens, ones
- Add and subtract one-digit and two-digit numbers to 20, including zero
- Represent and use number bonds and related subtraction facts within 20 (within 10)
- Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems
- Count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens
- Given a number, identify one more and one less
- Compare, describe and solve practical problems for: lengths and heights [for example, long/ short, longer/shorter, tall/short, double/half]
- Measure and begin to record the following: lengths and heights
- Compare, describe and solve practical problems for: mass/ weight [for example, heavy/light, heavier than, lighter than]
- Measure and begin to record the following: mass/weight
- Compare, describe and solve practical problems for: capacity and volume [for example, full/ empty, more than, less than, half, half full, quarter
- Measure and begin to record the following: capacity and volume

Summer

- Count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens
- Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher
- Recognise, find and name a half as one of two equal parts of an object, shape or quantity
- Describe position, direction and movement, including whole, half, quarter and three-quarter turns
- Recognise the place value of each digit in a two-digit number
- Recognise and know the value of different denominations of coins and notes
- 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
- Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times

Bullfinch
Year 2

Autumn

- Count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens (Year 1)
- 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
- Read and write numbers to at least 100 in numerals and in words
- Compare and order numbers from 0 up to 100; use and = signs
- Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward
- 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
- Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures
- Solve problems with addition and subtraction: applying their increasing knowledge of mental and written methods
- Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and ones
- Compare and sort common 2D and 3D shapes and everyday objects.
- Identify and describe the properties of 2D shapes, including the number of sides and line symmetry in a vertical line
- Order and arrange combinations of mathematical objects in patterns and sequences
- Identify and describe the properties of 3D shapes, including the number of edges, vertices and faces

Spring

- Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value
- Recognise and know the value of different denominations of coins and notes (year 1)
- 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
- Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.
- Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher (year 1)
- Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs
- Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs
- Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers
- 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 with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures

Summer

- Recognise, find and name a quarter as 1 of 4 equal parts of an object, shape or quantity
- Recognise, find and name a half as one of two equal parts of an object, shape or quantity (Year 1)
- Recognise, find, name and write fractions 1 3, 1 4, 2 4 and 3 4 of a length, shape, set of objects or quantity
- Write simple fractions for example, 1 2 of 6 = 3 and recognise the equivalence of 2 4 and 1 2
- Write simple fractions for example, 1 2 of 6 = 3 and recognise the equivalence of 2 4 and 1 2
- Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times (Year 1)
- 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
- Use place value and number facts to solve problems
- 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
- Solve problems with addition and subtraction: applying their increasing knowledge of mental and written methods
- Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures
- Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.
- 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)
- Interpret and construct simple pictograms, tally charts, block diagrams and simple tables
- 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

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How do we Grow Finchampstead Mathematicians? LKS2

Chaffinch Y3

Autumn

- Recognise the place value of each digit in a two-digit number (tens, ones) (Year 2)
- Identify, represent and estimate numbers using different representations, including the number line
- Compare and order numbers up to 1,000
- 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 three-digit number (hundreds, tens, ones)
- Identify, represent and estimate numbers using different representations, including the number line
- Add and subtract numbers mentally, including: a three-digit number and ones, a three-digit number and tens, a three-digit number and hundreds
- Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction
- 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
- 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
- Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables
- 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

Spring

- 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
- 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
- Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
- Measure the perimeter of simple 2D shape
- 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
- Recognise and show, using diagrams, equivalent fractions with small denominators

Summer

- Add and subtract fractions with the same denominator within one whole [for example, 5 7 + 1 7 = 6 7]
- Solve problems that involve all of the above
- Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators
- 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 and 24-hour clocks
- 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
- 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]
- 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
- Draw 2D shapes and make 3D shapes using modelling materials; recognise 3D shapes in different orientations and describe them
- 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

Chaffinch Y4

Autumn	Spring	Summer
• Recognise the place value of each digit in a four-digit number (1,000s, 100s, 10s, and 1s) • Count in multiples of 6, 7, 9, 25 and 1,000 • Identify, represent and estimate numbers using different representations • Find 1,000 more or less than a given number • Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number • Identify, represent and estimate numbers using different representations • Count in multiples of 6, 7, 9, 25 and 1000 • Order and compare numbers beyond 1,000 • Identify, represent and estimate numbers using different representations • Round any number to the nearest 10, 100 or 1,000 • Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate • Solve number and practical problems that involve all of the above and with increasingly large positive numbers • 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 • Find the area of rectilinear shapes by counting squares • 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 • Recall multiplication and division facts for multiplication tables up to 12 × 12 • 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 • Multiply two-digit and three-digit numbers by a one-digit number using formal written layout • Recognise and use factor pairs and commutativity in mental calculations • Convert between different units of measure [for example, kilometre to metre; hour to minute] • Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres • Non-statutory guidance: They practise counting using simple fractions and decimals, both forwards and backwards • Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators • Ready to progress criteria (4F–1): Reason about the location of mixed numbers in the linear number system • Compare and order unit fractions, and fractions with the same denominators • Ready to progress criteria (4F–2): Convert mixed numbers to improper fractions and vice versa • Recognise and show, using diagrams, equivalent fractions with small denominators • Recognise and show, using diagrams, families of common equivalent fractions • Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators • Add and subtract fractions with the same denominator • 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 • Recognise and write decimal equivalents of any number of tenths or hundredths • 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	• Recognise and write decimal equivalents of any number of tenths or hundredths • 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 write decimal equivalents to 1/ 4 , 1/ 2 , 3/ 4 • Estimate, compare and calculate different measures, including money in pounds and pence • Convert between different units of measure [for example, kilometre to metre; hour to minute] • Identify acute and obtuse angles and compare and order angles up to two right angles by size • Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes • Identify lines of symmetry in 2D shapes presented in different orientations • Complete a simple symmetric figure with respect to a specific line of symmetry • 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 • Describe positions on a 2D 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

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How do we Grow Finchampstead Mathematicians? UKS2

	Autumn	Spring	Summer
Goldfinch Y5	• Read Roman numerals to 1000 (M) and recognise years written in Roman numerals • Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit • Count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000 • Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit • Round any number up to 1,000,000 to the nearest 10, 100, 1,000, 10,000 and 100,000 • 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 • Estimate and use inverse operations to check answers to a calculation • Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why • Identify multiples and factors, including	• 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 • Multiply and divide numbers mentally drawing upon known facts • Divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context • Multiply proper fractions and mixed numbers by whole numbers, supp • 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 1/ 5] • Read, write, order and compare numbers with up to three decimal places • 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 • Round decimals with two decimal places to the nearest whole number and to one decimal place • Recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred', and	• Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles • Identify: – angles at a point and one whole turn (total 360°) – angles at a point on a straight line and 1/2 a turn (total 180°) – other multiples of 90° • Draw given angles, and measure them in degrees (°) • Use the properties of rectangles to deduce related facts and find missing lengths and angle • Distinguish between regular and irregular polygons based on reasoning about equal sides and angles • Identify horizontal and vertical lines and pairs of perpendicular and parallel lines (Year 3) • Identify 3D shapes, including cubes and other cuboids, from 2D representations • Describe positions on a 2D grid as coordinates in the first quadrant Plot specified points and draw sides to complete a given polygon (Year 4) • 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

Goldfinch Y5 **Cont.**	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) • Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000 • 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 1/ 5] • Compare and order fractions whose denominators are all multiples of the same number • Add and subtract fractions with the same denominator and denominators that are multiples of the same number	write percentages as a fraction with denominator 100, and as a decimal • Solve problems which require knowing percentage and decimal equivalents of 1/ 2, 1 /4, 1/ 5, 2 /5, 4/5 and those fractions with a denominator of a multiple of 10 or 25 • Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres • Calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm2) and square metres (m2) and estimate the area of irregular shapes • Solve comparison, sum and difference problems using information presented in a line graph • Complete, read and interpret information in tables, including timetables	• Solve problems involving number up to three decimal places • 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 • Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero • 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 • Use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling • Estimate volume [for example, using 1 cm3 blocks to build cuboids (including cubes)] and capacity [for example, using water]

Goldfinch Y6

Autumn	Spring	Summer
• Read, write, order and compare numbers up to 10,000,000 and determine the value of each digit • Solve number and practical problems • Round any whole number to a required degree of accuracy • Use negative numbers in context, and calculate intervals across zero • Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why • Identify common factors, common multiples and prime numbers • Use their knowledge of the order of operations to carry out calculations involving the four operations • Recognise and use square numbers and cube numbers, and the notation for squared (2) and cubed (3) (year 5) • 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 number using the formal written method of short division where appropriate, interpreting remainders according to the context • Identify common factors, common multiples and prime numbers • 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 • Perform mental calculations, including with mixed operations and large numbers • Solve problems involving addition, subtraction, multiplication and division	• Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples • 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 • Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts • Generate and describe linear number sequences • Express missing number problems algebraically • Use simple formulae • Find pairs of numbers that satisfy an equation with two unknowns • Enumerate possibilities of combinations of two variables • Identify the value of each digit in numbers given to three decimal places and multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places • Solve problems which require answers to be rounded to specified degrees of accuracy • Multiply one-digit numbers with up to two decimal places by whole numbers • Use written division methods in cases where the answer has up to two decimal places • Solve problems which require answers to be rounded to specified degrees of accuracy • 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,	• Interpret and construct pie charts and line graphs and use these to solve problems • Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why • Use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy • Pupils connect their work on angles, fractions and percentages to the interpretation of pie charts [non-stat] • Calculate and interpret the mean as an average • Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles • Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons • Draw 2D 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 • Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius • Draw 2D shapes using given dimensions and angles • Recognise, describe and build simple 3D shapes, including making nets • 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 • Describe positions on the full coordinate grid (all four quadrants)

Goldfinch Y6 **Cont.**	• Use common factors to simplify fractions; use common multiples to express fractions in the same denomination • Compare and order fractions, including fractions > 1 • Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions • Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams • Multiply simple pairs of proper fractions, writing the answer in its simplest form [for example, 1 /4 × 1/ 2 = 1/ 8] • Divide proper fractions by whole numbers [for example, 1 3 ÷ 2 = 1 6] • Use written division methods in cases where the answer has up to two decimal places • 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 • Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate • Convert between miles and kilometres	including in different contexts • Compare and order fractions, including fractions > 1 • Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts • Solve problems involving the calculation of percentages [for example, of measures, and such as 15% of 360] and the use of percentages for comparison • Multiply one-digit numbers with up to two decimal places by whole numbers • Recognise that shapes with the same areas can have different perimeters and vice versa • Calculate the area of parallelograms and triangles • Recognise when it is possible to use formulae for area and volume of shapes • Calculate the area of parallelograms and triangles • Recognise that shapes with the same areas can have different perimeters and vice versa • 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] • Recognise when it is possible to use formulae for area and volume of shapes •	• Solve number and practical problems that involve all of the above • Use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy Problem Solving and Application • Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why • Use their knowledge of the order of operations to carry out calculations involving the four operations • Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts • Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples • Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts • 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 • 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 • Describe positions on the full coordinate grid (all four quadrants) • Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles • Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons