

Year 4 Maths Medium Term Planning

Year 4 Maths Medium Term Plans

Autumn

Unit A1 2 weeks Number – place value; addition and subtraction; multiplication and division	
Weeks 1&2	Learning Objectives
	Strand: Using and applying mathematics
	<ul style="list-style-type: none"> Report solutions to puzzles and problems, giving explanations and reasoning orally and in writing, using diagrams and symbols
	Strand: Number – place value
	<ul style="list-style-type: none"> Recognise and continue number sequences formed by counting on or back including through zero in steps of a constant size (count in multiples of 6,7,9, 25, and 1000)
	<ul style="list-style-type: none"> Partition, round (to the nearest 10,100 and 1000; round decimals with one dp to the nearest whole number) and order four-digit whole numbers; use positive and negative numbers in context and position them on a number line; state inequalities using the symbols < and >, e.g. $-3 > -5$, $-1 < +1$
	<ul style="list-style-type: none"> Read Roman numerals to 1000 (M) including recognising years. Know that over time the numeral system changed to include the concept of zero and place value
	Strand: Number – addition and subtraction; multiplication and division
	<ul style="list-style-type: none"> Use knowledge of addition and subtraction facts and place value to derive sums and differences of pairs of multiples of 10, 100 or 1000
	<ul style="list-style-type: none"> Identify the doubles of two-digit numbers; use to calculate doubles of multiples of 10 and 100 and derive the corresponding halves
	<ul style="list-style-type: none"> Derive and recall multiplication facts up to 12×12, the corresponding division facts and multiples of numbers to 10 up to the tenth multiple
	<ul style="list-style-type: none"> Use knowledge of rounding, number operations and inverses to estimate and check calculations: use place value, multiply by 0 and 1, divide by 1, multiply 3 numbers, factor pairs, commutativity, in mental calculations
	<ul style="list-style-type: none"> Divide a one or two digit number by 10 and 100, identifying the value of the digits in the answer as units, tenths, hundredths
	<ul style="list-style-type: none"> Add or subtract mentally pairs of two-digit whole numbers, e.g. $47 + 58$, $91 - 35$
	<ul style="list-style-type: none"> Multiply and divide numbers to 1000 by 10 and then 100 (whole number answers), understanding the effect; relate to scaling up or down
	<ul style="list-style-type: none"> Multiply two and three digit numbers by a one digit number using formal written layout
<ul style="list-style-type: none"> Carry out one-step and two-step calculations involving all four operations 	

Year 4 Maths Medium Term Planning

Weeks 3-5	Learning Objectives
	Strand: Using and applying mathematics
	<ul style="list-style-type: none"> • Solve one-step and two-step problems involving numbers, money or measures, including time; choose and carry out appropriate calculations (converting between units of measure)
	<ul style="list-style-type: none"> • Identify and use patterns, relationships and properties of numbers or shapes; investigate a statement involving numbers and test it with examples
	<ul style="list-style-type: none"> • Report solutions to puzzles and problems, giving explanations and reasoning orally and in writing, using diagrams and symbols
	Strand: Number – addition and subtraction, place value, multiplication and division
	<ul style="list-style-type: none"> • Use knowledge of addition and subtraction facts and place value to derive sums and differences of pairs of multiples of 10, 100 or 1000
	<ul style="list-style-type: none"> • Derive and recall multiplication facts up to 12 x 12, the corresponding division facts and multiples of numbers to 10 up to the tenth multiple
	<ul style="list-style-type: none"> • Use knowledge of rounding, number operations and inverses to estimate and check calculations: : use place value, multiply by 0 and 1, divide by 1, multiply 3 numbers, factor pairs, commutativity, in mental calculations
	<ul style="list-style-type: none"> • Divide a one or two digit number by 10 and 100, identifying the value of the digits in the answer as units, tenths, hundredths
	Strand: Geometry
	<ul style="list-style-type: none"> • Draw polygons and classify them by identifying their properties, including their line symmetry (including quadrilaterals and triangles)
	<ul style="list-style-type: none"> • Visualise 3-D objects from 2-D drawings and make nets of common solids
<ul style="list-style-type: none"> • Describe positions on a 2d grid as coordinates in the first quadrant, plotting points and drawing sides to complete a given polygon, and describe translations of a given unit to the left/ right and up/down 	

Year 4 Maths Medium Term Planning

Unit C1 2 weeks Statistics and measurement	
Weeks 6-7	Learning Objectives
	Strand: Using and applying mathematics
	<ul style="list-style-type: none">• Suggest a line of enquiry and the strategy needed to follow it; collect, organise and interpret selected information to find answers
	<ul style="list-style-type: none">• Report solutions to puzzles and problems, giving explanations and reasoning orally and in writing, using diagrams and symbols
	Strand: Measurement
	<ul style="list-style-type: none">• Choose and use standard metric units and their abbreviations when estimating, measuring and recording length, weight and capacity; know the meaning of kilo, centi and milli and, where appropriate, use decimal notation to record measurements, e.g. 1.3 m or 0.6 kg
	<ul style="list-style-type: none">• Interpret intervals and divisions on partially numbered scales and record readings accurately, where appropriate to the nearest tenth of a unit
Strand: Statistics	
<ul style="list-style-type: none">• Answer a question by identifying what data to collect; organise, present, analyse and interpret the data in tables, diagrams, tally charts, pictograms and bar charts and time graphs, using ICT where appropriate	

Year 4 Maths Medium Term Planning

Unit D1 2 weeks Number – addition and subtraction, measurement and geometry	
Weeks 8-9	Learning Objectives
	Strand: Using and applying mathematics
	<ul style="list-style-type: none">Solve one-step and two-step problems involving numbers, money or measures, including time; choose and carry out appropriate calculations (converting between units of measure)
	Strand: Number- addition and subtraction
	<ul style="list-style-type: none">Add or subtract mentally pairs of two-digit whole numbers, e.g. $47 + 58$, $91 - 35$
	Strand: Geometry
	<ul style="list-style-type: none">Recognise horizontal and vertical lines; use eight compass points to describe direction; describe and identify the position of a square on a grid of squares
	Strand: Measurement
	<ul style="list-style-type: none">Choose and use standard metric units and their abbreviations when estimating, measuring and recording length, weight and capacity; know the meaning of kilo, centi and milli and, where appropriate, use decimal notation to record measurements, e.g. 1.3 m or 0.6 kgInterpret intervals and divisions on partially numbered scales and record readings accurately, where appropriate to the nearest tenth of a unitRead time to the nearest minute; use am, pm and 12-hour clock notation; calculate time intervals from clocks and timetables

Year 4 Maths Medium Term Planning

Unit E1 3 weeks Number – place value; multiplication and division, fractions	
Weeks 10-12	Learning Objectives
	Strand: Using and applying mathematics
	<ul style="list-style-type: none"> • Represent a puzzle or problem using number sentences, statements or diagrams; use these to solve the problem; present and interpret the solution in the context of the problem
	Strand: Number –place value; fractions
	<ul style="list-style-type: none"> • Recognise the equivalence between decimal and fraction forms of one half, quarters, tenths and hundredths
	<ul style="list-style-type: none"> • Use diagrams to identify equivalent fractions, e.g. $\frac{6}{8}$ and $\frac{3}{4}$, or $\frac{70}{100}$ and $\frac{7}{10}$; interpret mixed numbers and position them on a number line, e.g. $3\frac{1}{2}$
	<ul style="list-style-type: none"> • Count up and down in hundredths (recognising hundredths arise by dividing an object by a hundred, and by dividing tenths by ten); recognise and write decimal equivalents of any number of tenths or hundredths, recognise decimal equivalents for $\frac{1}{4}$ $\frac{1}{2}$ $\frac{3}{4}$
	Strand: Number - Multiplication and division; fractions
	<ul style="list-style-type: none"> • Derive and recall multiplication facts up to 12x12, the corresponding division facts and multiples of numbers to 10 up to the tenth multiple
	<ul style="list-style-type: none"> • Identify pairs of fractions that total 1
<ul style="list-style-type: none"> • Find fractions of numbers, quantities or shapes, e.g. $\frac{1}{5}$ of 30 plums, $\frac{3}{8}$ of a 6 by 4 rectangle 	
<ul style="list-style-type: none"> • Add and subtract fractions with the same denominator 	

Year 4 Maths Medium Term Planning

SPRING

Unit A2 2 weeks Number – place value; multiplication and division; addition and subtraction	
Weeks 1-2	Learning Objectives
	Strand: Using and applying mathematics
	<ul style="list-style-type: none"> Report solutions to puzzles and problems, giving explanations and reasoning orally and in writing, using diagrams and symbols
	Strand: Number – place value
	<ul style="list-style-type: none"> Recognise and continue number sequences formed by counting on or back including through zero in steps of a constant size (count in multiples of 6,7,9, 25, and 1000)
	<ul style="list-style-type: none"> Use decimal notation for tenths and hundredths and partition decimals; relate the notation to money and measurement; position one-place and two-place decimals on a number line
	Strand: Number – multiplication and division
	<ul style="list-style-type: none"> Derive and recall multiplication facts up to 12x12, the corresponding division facts and multiples of numbers to 10 up to the tenth multiple
	<ul style="list-style-type: none"> Use knowledge of rounding, number operations and inverses to estimate and check calculations : use place value, multiply by 0 and 1, divide by 1, multiply 3 numbers, factor pairs, commutativity, in mental calculations
	<ul style="list-style-type: none"> Divide a one or two digit number by 10 and 100, identifying the value of the digits in the answer as units, tenths, hundredths
	Strand: Number – addition and subtraction
	<ul style="list-style-type: none"> Add or subtract mentally pairs of two-digit whole numbers, e.g. $47 + 58$, $91 - 35$
	<ul style="list-style-type: none"> Refine and use efficient written methods to add and subtract three-digit and four-digit whole numbers and £.p
	<ul style="list-style-type: none"> Multiply and divide numbers to 1000 by 10 and then 100 (whole number answers), understanding the effect; relate to scaling up or down
	<ul style="list-style-type: none"> Develop and use written methods to record, support and explain multiplication and division of two-digit numbers by a one-digit number, including division with remainders, e.g. 15×9, $98 \div 6$
<ul style="list-style-type: none"> Develop short division as an efficient written method 	
<ul style="list-style-type: none"> Multiply two and three digit numbers by a one digit number using formal written layout 	

Year 4 Maths Medium Term Planning

Year 4 Maths Medium Term Planning

Unit B2 3 weeks Number: multiplication and division, geometry	
Weeks 3-5	Learning Objectives
	Strand: Using and applying mathematics
	<ul style="list-style-type: none"> Identify and use patterns, relationships and properties of numbers or shapes; investigate a statement involving numbers and test it with examples
	<ul style="list-style-type: none"> Report solutions to puzzles and problems, giving explanations and reasoning orally and in writing, using diagrams and symbols
	Strand: Number – multiplication and division
	<ul style="list-style-type: none"> Identify the doubles of two-digit numbers; use to calculate doubles of multiples of 10 and 100 and derive the corresponding halves
	<ul style="list-style-type: none"> Derive and recall multiplication facts up to 12×12, the corresponding division facts and multiples of numbers to 10 up to the tenth multiple
	<ul style="list-style-type: none"> Use knowledge of rounding, number operations and inverses to estimate and check calculations: use place value, multiply by 0 and 1, divide by 1, multiply 3 numbers, factor pairs, commutativity, in mental calculations
	<ul style="list-style-type: none"> Divide a one or two digit number by 10 and 100, identifying the value of the digits in the answer as units, tenths, hundredths
	Strand: Geometry
	<ul style="list-style-type: none"> Draw polygons and classify them by identifying their properties, including their line symmetry(including quadrilaterals and triangles)
	<ul style="list-style-type: none"> Visualise 3-D objects from 2-D drawings and make nets of common solids
<ul style="list-style-type: none"> Describe positions on a 2d grid as coordinates in the first quadrant, plotting points and drawing sides to complete a given polygon, and describe translations of a given unit to the left/ right and up/down 	

Year 4 Maths Medium Term Planning

Unit C2 2 weeks Statistics and measurement	
Weeks 6-7	Learning Objectives
	Strand: Using and applying mathematics
	<ul style="list-style-type: none">• Suggest a line of enquiry and the strategy needed to follow it; collect, organise and interpret selected information to find answers
	<ul style="list-style-type: none">• Report solutions to puzzles and problems, giving explanations and reasoning orally and in writing, using diagrams and symbols
	Strand: Measurement
	<ul style="list-style-type: none">• Choose and use standard metric units and their abbreviations when estimating, measuring and recording length, weight and capacity; know the meaning of kilo, centi and milli and, where appropriate, use decimal notation to record measurements, e.g. 1.3 m or 0.6 kg
	<ul style="list-style-type: none">• Interpret intervals and divisions on partially numbered scales and record readings accurately, where appropriate to the nearest tenth of a unit
	Strand: Statistics
	<ul style="list-style-type: none">• Answer a question by identifying what data to collect; organise, present, analyse and interpret the data in tables, diagrams, tally charts, pictograms and bar charts and time graphs, using ICT where appropriate• Compare the impact of representations where scales have intervals of differing step size

Year 4 Maths Medium Term Planning

Unit D2 2 weeks Number – place value; multiplication and division, measurement and geometry	
Weeks 8-9	Learning Objectives
	Strand: Using and applying mathematics
	<ul style="list-style-type: none"> Solve one-step and two-step problems involving numbers, money or measures, including time; choose and carry out appropriate calculations (converting between units of measure)
	Strand: Number – place value
	<ul style="list-style-type: none"> Use decimal notation for tenths and hundredths and partition decimals; relate the notation to money and measurement; position one-place and two-place decimals on a number line
	Strand: Number – multiplication and division; addition and subtraction
	<ul style="list-style-type: none"> Derive and recall multiplication facts up to 12×12, the corresponding division facts and multiples of numbers to 10 up to the tenth multiple
	<ul style="list-style-type: none"> Refine and use efficient written methods to add and subtract three-digit and four-digit whole numbers and $\pounds.p$
	<ul style="list-style-type: none"> Develop and use written methods to record, support and explain multiplication and division of two-digit numbers by a one-digit number, including division with remainders, e.g. 15×9, $98 \div 6$
	<ul style="list-style-type: none"> Develop short division as an efficient written method
	Strand: Geometry
	<ul style="list-style-type: none"> Recognise horizontal and vertical lines; use eight compass points to describe direction; describe and identify the position of a square on a grid of squares Describe positions on a 2D grid as coordinates in the first quadrant
	<ul style="list-style-type: none"> Know that angles are measured in degrees and that one whole turn is 360°; compare and order angles less than 180° (identify and compare acute and obtuse angles)
	Strand: Measurement
	<ul style="list-style-type: none"> Choose and use standard metric units and their abbreviations when estimating, measuring and recording length, weight and capacity; know the meaning of kilo, centi and milli and, where appropriate, use decimal notation to record measurements, e.g. 1.3 m or 0.6 kg Interpret intervals and divisions on partially numbered scales and record readings accurately, where appropriate to the nearest tenth of a unit Draw rectangles and measure and calculate their perimeters, find the area of rectilinear shapes drawn on a square grid by counting squares

Year 4 Maths Medium Term Planning

Unit E2 3 weeks Number – fractions; multiplication and division	
Weeks 10-12	Learning Objectives
	Strand: Using and applying mathematics
	<ul style="list-style-type: none"> • Represent a puzzle or problem using number sentences, statements or diagrams; use these to solve the problem; present and interpret the solution in the context of the problem
	Strand: Number – fractions, place value
	<ul style="list-style-type: none"> • Recognise the equivalence between decimal and fraction forms of one half, quarters, tenths and hundredths
	<ul style="list-style-type: none"> • Use diagrams to identify equivalent fractions, e.g. $\frac{6}{8}$ and $\frac{3}{4}$, or $\frac{70}{100}$ and $\frac{7}{10}$; interpret mixed numbers and position them on a number line, e.g. $3\frac{1}{2}$
	<ul style="list-style-type: none"> • Count up and down in hundredths (recognising hundredths arise by dividing an object by a hundred, and by dividing tenths by ten), recognise and write decimal equivalents of any number of tenths or hundredths, recognise decimal equivalents for $\frac{1}{4}$ $\frac{1}{2}$ $\frac{3}{4}$
	Strand: Number – multiplication and division; fractions
	<ul style="list-style-type: none"> • Derive and recall multiplication facts up to 12 x 12, the corresponding division facts and multiples of numbers to 10 up to the tenth multiple
	<ul style="list-style-type: none"> • Identify pairs of fractions that total 1
	<ul style="list-style-type: none"> • Find fractions of numbers, quantities or shapes, e.g. $\frac{1}{5}$ of 30 plums, $\frac{3}{8}$ of a 6 by 4 rectangle
	<ul style="list-style-type: none"> • Add and subtract fractions with the same denominator
<ul style="list-style-type: none"> • Develop and use written methods to record, support and explain multiplication and division of two-digit numbers by a one-digit number, including division with remainders, e.g. 15×9, $98 \div 6$ 	
<ul style="list-style-type: none"> • Develop short division as an efficient written method 	

Year 4 Maths Medium Term Planning

SUMMER

Unit A3 2 weeks Number- place value, addition and subtraction; multiplication and division	
Weeks 1-2	Learning Objectives
	Strand: Using and applying mathematics
	<ul style="list-style-type: none"> Solve one-step and two-step problems involving numbers, money or measures, including time; choose and carry out appropriate calculations (converting between units of measure)
	Strand: Number – place value
	<ul style="list-style-type: none"> Recognise and continue number sequences formed by counting on or back including through zero in steps of a constant size (count in multiples of 6,7,9, 25, and 1000)
	<ul style="list-style-type: none"> Partition, round (to the nearest 10,100 and 1000; round decimals with one dp to the nearest whole number) and order four-digit whole numbers; use positive and negative numbers in context and position them on a number line; state inequalities using the symbols < and >, e.g. $-3 > -5$, $-1 < +1$
	<ul style="list-style-type: none"> Use decimal notation for tenths and hundredths and partition decimals; relate the notation to money and measurement; position one-place and two-place decimals on a number line
	Strand: Number – addition and subtraction; multiplication and division
	<ul style="list-style-type: none"> Derive and recall multiplication facts up to 12×12, the corresponding division facts and multiples of numbers to 10 up to the tenth multiple
	<ul style="list-style-type: none"> Use knowledge of rounding, number operations and inverses to estimate and check calculations: use place value, multiply by 0 and 1, divide by 1, multiply 3 numbers, factor pairs commutativity, in mental calculations
	<ul style="list-style-type: none"> Divide a one or two digit number by 10 and 100, identifying the value of the digits in the answer as units, tenths, hundredths
	<ul style="list-style-type: none"> Add or subtract mentally pairs of two-digit whole numbers, e.g. $47 + 58$, $91 - 35$
	<ul style="list-style-type: none"> Refine and use efficient written methods to add and subtract three-digit and four-digit whole numbers and £.p
	<ul style="list-style-type: none"> Develop and use written methods to record, support and explain multiplication and division of two-digit numbers by a one-digit number, including division with remainders, e.g. 15×9, $98 \div 6$
<ul style="list-style-type: none"> Develop short division as an efficient written method 	
<ul style="list-style-type: none"> Multiply two and three digit numbers by a one digit number using formal written layout 	
<ul style="list-style-type: none"> Carry out one-step and two-step calculations involving all four operations; 	

Year 4 Maths Medium Term Planning

Unit B3 3 weeks Number- addition and subtraction, multiplication and division, geometry	
Weeks 3-5	Learning Objectives
	Strand: Using and applying mathematics
	<ul style="list-style-type: none"> • Solve one-step and two-step problems involving numbers, money or measures, including time; choose and carry out appropriate calculations (converting between units of measure)
	<ul style="list-style-type: none"> • Identify and use patterns, relationships and properties of numbers or shapes; investigate a statement involving numbers and test it with examples
	<ul style="list-style-type: none"> • Report solutions to puzzles and problems, giving explanations and reasoning orally and in writing, using diagrams and symbols
	Strand: Number – addition and subtraction; multiplication and division
	<ul style="list-style-type: none"> • Use knowledge of addition and subtraction facts and place value to derive sums and differences of pairs of multiples of 10, 100 or 1000
	<ul style="list-style-type: none"> • Identify the doubles of two-digit numbers; use to calculate doubles of multiples of 10 and 100 and derive the corresponding halves
	<ul style="list-style-type: none"> • Derive and recall multiplication facts up to 12x12, the corresponding division facts and multiples of numbers to 10 up to the tenth multiple
	<ul style="list-style-type: none"> • Use knowledge of rounding, number operations and inverses to estimate and check calculations: use place value, multiply by 0 and 1, divide by 1, multiply 3 numbers, factor pairs, commutativity, in mental calculations
	<ul style="list-style-type: none"> • Divide a one or two digit number by 10 and 100, identifying the value of the digits in the answer as units, tenths, hundredths
	Strand: Geometry
	<ul style="list-style-type: none"> • Draw polygons and classify them by identifying their properties, including their line symmetry
	<ul style="list-style-type: none"> • Visualise 3-D objects from 2-D drawings and make nets of common solids
<ul style="list-style-type: none"> • Describe positions on a 2d grid as coordinates in the first quadrant, plotting points and drawing sides to complete a given polygon, and describe translations of a given unit to the left/ right and up/down 	

Year 4 Maths Medium Term Planning

Unit C3 2 weeks Statistics and measurement	
Weeks 6-7	Learning Objectives
	Strand: Using and applying mathematics
	<ul style="list-style-type: none">• Suggest a line of enquiry and the strategy needed to follow it; collect, organise and interpret selected information to find answers
	<ul style="list-style-type: none">• Report solutions to puzzles and problems, giving explanations and reasoning orally and in writing, using diagrams and symbols
	Strand: Measurement
	<ul style="list-style-type: none">• Choose and use standard metric units and their abbreviations when estimating, measuring and recording length, weight and capacity; know the meaning of kilo, centi and milli and, where appropriate, use decimal notation to record measurements, e.g. 1.3 m or 0.6 kg
	<ul style="list-style-type: none">• Interpret intervals and divisions on partially numbered scales and record readings accurately, where appropriate to the nearest tenth of a unit
	Strand: Statistics
<ul style="list-style-type: none">• Answer a question by identifying what data to collect; organise, present, analyse and interpret the data in tables, diagrams, tally charts, pictograms and bar charts and time graphs, using ICT where appropriate	
<ul style="list-style-type: none">• Compare the impact of representations where scales have intervals of differing step size	

Year 4 Maths Medium Term Planning

Unit D3 2 weeks Number – place value, addition and subtraction, measurement and geometry	
Weeks 8-9	Learning Objectives
	Strand: Using and applying mathematics
	<ul style="list-style-type: none"> Solve one-step and two-step problems involving numbers, money or measures, including time; choose and carry out appropriate calculations (converting between units of measure)
	Strand: Number – place value
	<ul style="list-style-type: none"> Use decimal notation for tenths and hundredths and partition decimals; relate the notation to money and measurement; position one-place and two-place decimals on a number line
	Strand: Number – addition and subtraction
	<ul style="list-style-type: none"> Refine and use efficient written methods to add and subtract three-digit and four-digit whole numbers and £.p
	Strand: Geometry
	<ul style="list-style-type: none"> Know that angles are measured in degrees and that one whole turn is 360°; compare and order angles less than 180° (identify and compare acute and obtuse angles)
	Strand: Measurement
	<ul style="list-style-type: none"> Choose and use standard metric units and their abbreviations when estimating, measuring and recording length, weight and capacity; know the meaning of kilo, centi and milli and, where appropriate, use decimal notation to record measurements, e.g. 1.3 m or 0.6 kg
	<ul style="list-style-type: none"> Interpret intervals and divisions on partially numbered scales and record readings accurately, where appropriate to the nearest tenth of a unit
<ul style="list-style-type: none"> Draw rectangles and measure and calculate their perimeters, find the area of rectilinear shapes drawn on a square grid by counting squares 	
<ul style="list-style-type: none"> Read time to the nearest minute; use am, pm and 12-hour clock notation; calculate time intervals from clocks and timetables 	

Year 4 Maths Medium Term Planning

Unit E3 3 weeks Number- place value, multiplication and division	
Weeks 10-12	Learning Objectives
	Strand: Using and applying mathematics
	<ul style="list-style-type: none"> • Represent a puzzle or problem using number sentences, statements or diagrams; use these to solve the problem; present and interpret the solution in the context of the problem
	Strand: Number – fraction, place value,
	<ul style="list-style-type: none"> • Recognise the equivalence between decimal and fraction forms of one half, quarters, tenths and hundredths
	<ul style="list-style-type: none"> • Use diagrams to identify equivalent fractions, e.g. $\frac{6}{8}$ and $\frac{3}{4}$, or $\frac{70}{100}$ and $\frac{7}{10}$; interpret mixed numbers and position them on a number line, e.g. $3\frac{1}{2}$
	<ul style="list-style-type: none"> • Count up and down in hundredths (recognising hundredths arise by dividing an object by a hundred, and by dividing tenths by ten), recognise and write decimal equivalents of any number of tenths or hundredths, recognise decimal equivalents for $\frac{1}{4}$ $\frac{1}{2}$ $\frac{3}{4}$
	<ul style="list-style-type: none"> • Use the vocabulary of ratio and proportion to describe the relationship between two quantities, e.g. there are 2 red beads to every 3 blue beads, or 2 beads in every 5 beads are red; estimate a proportion, e.g. 'about one quarter of the apples in the box are green'
	Strand: Number – multiplication and division; fractions
	<ul style="list-style-type: none"> • Derive and recall multiplication facts up to 12x 12, the corresponding division facts and multiples of numbers to 10 up to the tenth multiple
	<ul style="list-style-type: none"> • Develop and use written methods to record, support and explain multiplication and division of two-digit numbers by a one-digit number, including division with remainders, e.g. 15×9, $98 \div 6$
	<ul style="list-style-type: none"> • Develop short division as an efficient written method
	<ul style="list-style-type: none"> • Find fractions of numbers, quantities or shapes, e.g. 1–5 of 30 plums, 3–8 of a 6 by 4 rectangle
<ul style="list-style-type: none"> • Add and subtract fractions with the same denominator 	