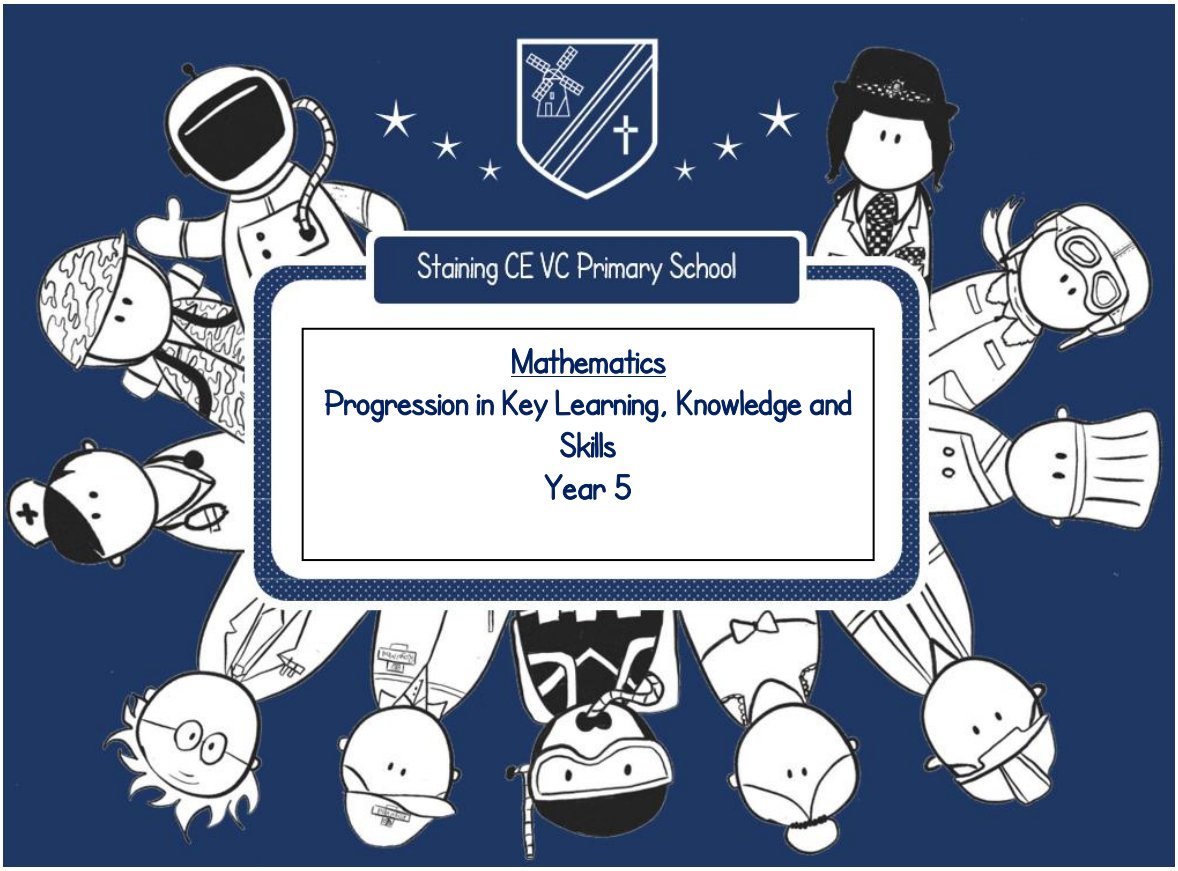

Strand	Unit of Learning	Lesson	NC 1	NC 2	NC 3
Number - number and place value	Place value within 100,000	Numbers to 10,000	Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit	Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000	
Number - number and place value	Place value within 100,000	Rounding to the nearest 10, 100 and 1,000	Round any number up to 1,000,000 to the nearest 10, 100, 1,000, 10,000 and 100,000		
Number - number and place value	Place value within 100,000	10,000s, 1,000s, 100s, 10s and 1s (1)	Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit		
Number - number and place value	Place value within 100,000	10,000s, 1,000s, 100s, 10s and 1s (2)	Solve number problems and practical problems that involve all of the above		
Number - number and place value	Place value within 100,000	The number line to 100,000	Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit		
Number - number and place value	Place value within 100,000	Comparing and ordering numbers to 100,000	Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit		

Number - number and place value	Place value within 100,000	Rounding numbers within 100,000	Round any number up to 1,000,000 to the nearest 10, 100, 1,000, 10,000 and 100,000		
Number - number and place value	Place value within 100,000	Roman numerals to 10,000	Read roman numerals to 1,000 (m) and recognise years written in roman numerals		
Number - number and place value	Place value within 1,000,000	100,000s 10,000s, 1,000s, 100s, 10s and 1s (1)	Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit		
Number - number and place value	Place value within 1,000,000	100,000s 10,000s, 1,000s, 100s, 10s and 1s (2)	Solve number problems and practical problems that involve all of the above		

Number - number and place value	Place value within 1,000,000	Number line to 1,000,000	Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit		
Number - number and place value	Place value within 1,000,000	Comparing and ordering numbers to 1,000,000	Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit		
Number - number and place value	Place value within 1,000,000	Rounding numbers to a 1,000,000	Round any number up to 1,000,000 to the nearest 10, 100, 1,000, 10,000 and 100,000		
Number - number and place value	Place value within 1,000,000	Negative numbers	Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero		
Number - number and place value	Place value within 1,000,000	Counting in 10s, 100s, 1,000s, 10,000s	Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000		
Number - number and place value	Place value within 1,000,000	Number sequences	Solve number problems and practical problems that involve all of the above		
Number - addition and subtraction	Addition and subtraction	Adding whole numbers with more than 4 digits (1)	Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)		
Number - addition and subtraction	Addition and subtraction	Adding whole numbers with more than 4 digits (2)	Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)		
Number - addition and subtraction	Addition and subtraction	Subtracting whole numbers with more than 4 digits (1)	Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)		
Number - addition and subtraction	Addition and subtraction	Subtracting whole numbers with more than 4 digits (2)	Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)		
Number - addition and subtraction	Addition and subtraction	Using rounding to estimate and check answers	Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy		
Number - addition and subtraction	Addition and subtraction	Mental addition and subtraction (1)	Add and subtract numbers mentally with increasingly large numbers		
Number - addition and subtraction	Addition and subtraction	Mental addition and subtraction (2)	Add and subtract numbers mentally with increasingly large numbers	Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why	

Number - addition and subtraction	Addition and subtraction	Using inverse operations	Estimate and use inverse operations to check answers to a calculation		
Number - addition and subtraction	Addition and subtraction	Problem solving - addition and subtraction (1)	Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why		
Number - addition and subtraction	Addition and subtraction	Problem solving - addition and subtraction (2)	Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why		
Statistics	Graphs and tables	Interpreting tables	Complete, read and interpret information in tables, including timetables		

Statistics	Graphs and tables	Two-way tables	Complete, read and interpret information in tables, including timetables		
Statistics	Graphs and tables	Interpreting line graphs (1)	Solve comparison, sum and difference problems using information presented in a line graph		
Statistics	Graphs and tables	Interpreting line graphs (2)	Solve comparison, sum and difference problems using information presented in a line graph		
Statistics	Graphs and tables	Drawing line graphs	Solve comparison, sum and difference problems using information presented in a line graph		
Number - multiplication and division	Multiplication and division (1)	Multiples	Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers	Solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes	
Number - multiplication and division	Multiplication and division (1)	Factors	Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers		
Number - multiplication and division	Multiplication and division (1)	Prime numbers	Know and use the vocabulary of prime numbers, prime factors and composite (non- prime) numbers	Establish whether a number up to 100 is prime and recall prime numbers up to 19	
Number - multiplication and division	Multiplication and division (1)	Using factors	Solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes		
Number - multiplication and division	Multiplication and division (1)	Squares	Recognise and use square numbers and cube numbers, and the notation for squared (2) and cubed (3)	Solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes	
Number - multiplication and division	Multiplication and division (1)	Cubes	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 two numbers	Solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes
Number - multiplication and division	Multiplication and division (1)	Inverse operations	Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates		

Number - multiplication and division	Multiplication and division (1)	Multiplying whole numbers by 10, 100 and 1,000	Multiply and divide whole numbers and those involving decimals by 10, 100 and 1,000		
Number - multiplication and division	Multiplication and division (1)	Dividing whole numbers by 10, 100 and 1,000	Multiply and divide whole numbers and those involving decimals by 10, 100 and 1,000	Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates	
Number - multiplication and division	Multiplication and division (1)	Multiplying and dividing by multiples of 10, 100 and 1,000	Multiply and divide whole numbers and those involving decimals by 10, 100 and 1,000		

Measurement	Measure - area and perimeter	Measuring perimeter	Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres		
Measurement	Measure - area and perimeter	Calculating perimeter (1)	Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres		
Measurement	Measure - area and perimeter	Calculating perimeter (2)	Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres		
Measurement	Measure - area and perimeter	Calculating area (1)	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		
Measurement	Measure - area and perimeter	Calculating area (2)	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		
Measurement	Measure - area and perimeter	Comparing area	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		
Measurement	Measure - area and perimeter	Estimating area	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		

Number - multiplication and division	Multiplication and division (2)	Multiplying numbers up to 4 digits by a 1-digit number	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		
Number - multiplication and division	Multiplication and division (2)	Multiplying 2-digit numbers (1)	Multiply and divide numbers mentally drawing upon known facts		
Number - multiplication and division	Multiplication and division (2)	Multiplying 2-digit numbers (2)	Multiply and divide numbers mentally drawing upon known facts		
Number - multiplication and division	Multiplication and division (2)	Multiplying 2-digit numbers (3)	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		
Number - multiplication and division	Multiplication and division (2)	Multiplying a 3-digit number by a 2-digit number	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		
Number - multiplication and division	Multiplication and division (2)	Multiplying a 4-digit number by a 2-digit number	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		
Number - multiplication and division	Multiplication and division (2)	Dividing up to a 4-digit number by a 1-digit number (1)	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		
Number - multiplication and division	Multiplication and division (2)	Dividing up to a 4-digit number by a 1-digit number (2)	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		

Number - multiplication and division	Multiplication and division (2)	Division with remainders (1)	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	
Number - multiplication and division	Multiplication and division (2)	Division with remainders (2)	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	
Number - multiplication and division	Multiplication and division (2)	Problem solving - division with remainders	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	
Number - fractions (including decimals and percentages)	Fractions (1)	Equivalent fractions	Identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths	
Number - fractions (including decimals and percentages)	Fractions (1)	Converting improper fractions to mixed numbers	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, $\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = 1\frac{1}{5}$]	
Number - fractions (including decimals and percentages)	Fractions (1)	Converting mixed numbers to improper fractions	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, $\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = 1\frac{1}{5}$]	
Number - fractions (including decimals and percentages)	Fractions (1)	Number sequences	Compare and order fractions whose denominators are all multiples of the same number	
Number - fractions (including decimals and percentages)	Fractions (1)	Comparing and ordering fractions (1)	Compare and order fractions whose denominators are all multiples of the same number	

Number - fractions (including decimals and percentages)	Fractions (1)	Comparing and ordering fractions (2)	Compare and order fractions whose denominators are all multiples of the same number	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, $\frac{2}{5}+\frac{4}{5}=\frac{6}{5}=1\frac{1}{5}$]
Number - fractions (including decimals and percentages)	Fractions (1)	Fractions as division (1)	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, $\frac{2}{5}+\frac{4}{5}=\frac{6}{5}=1\frac{1}{5}$]	
Number - fractions (including decimals and percentages)	Fractions (1)	Fractions as division (2)	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, $\frac{2}{5}+\frac{4}{5}=\frac{6}{5}=1\frac{1}{5}$]	
Number - fractions (including decimals and percentages)	Fractions (2)	Adding and subtracting fractions with the same denominator	Add and subtract fractions with the same denominator and denominators that are multiples of the same number	
Number - fractions (including decimals and percentages)	Fractions (2)	Adding and subtracting fractions (1)	Add and subtract fractions with the same denominator and denominators that are multiples of the same number	
Number - fractions (including decimals and percentages)	Fractions (2)	Adding and subtracting fractions (2)	Add and subtract fractions with the same denominator and denominators that are multiples of the same number	
Number - fractions (including decimals and percentages)	Fractions (2)	Adding fractions (1)	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 and write mathematical statements > 1 as a mixed number [for example, $\frac{2}{5}+\frac{4}{5}=\frac{6}{5}=1\frac{1}{5}$]
Number - fractions (including decimals and percentages)	Fractions (2)	Adding fractions (2)	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 and write mathematical statements > 1 as a mixed number [for example, $\frac{2}{5}+\frac{4}{5}=\frac{6}{5}=1\frac{1}{5}$]
Number - fractions (including decimals and percentages)	Fractions (2)	Adding fractions (3)	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 and write mathematical statements > 1 as a mixed number [for example, $\frac{2}{5}+\frac{4}{5}=\frac{6}{5}=1\frac{1}{5}$]
Number - fractions (including decimals and percentages)	Fractions (2)	Subtracting fractions (1)	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 and write mathematical statements > 1 as a mixed number [for example, $\frac{2}{5}+\frac{4}{5}=\frac{6}{5}=1\frac{1}{5}$]
Number - fractions (including decimals and percentages)	Fractions (2)	Subtracting fractions (2)	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 and write mathematical statements > 1 as a mixed number [for example, $\frac{2}{5}+\frac{4}{5}=\frac{6}{5}=1\frac{1}{5}$]

Number - fractions (including decimals and percentages)	Fractions (2)	Subtracting fractions (3)	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 and write mathematical statements > 1 as a mixed number [for example, $\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = 1\frac{1}{5}$]
Number - fractions (including decimals and percentages)	Fractions (2)	Subtracting fractions (4)	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 and write mathematical statements > 1 as a mixed number [for example, $\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = 1\frac{1}{5}$]
Number - fractions (including decimals and percentages)	Fractions (2)	Problem solving - mixed word problems (1)	Add and subtract fractions with the same denominator and denominators that are multiples of the same number	
Number - fractions (including decimals and percentages)	Fractions (2)	Problem solving - mixed word problems (2)	Add and subtract fractions with the same denominator and denominators that are multiples of the same number	
Number - fractions (including decimals and percentages)	Fractions (3)	Multiplying fractions (1)	Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams	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, $\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = 1\frac{1}{5}$]
Number - fractions (including decimals and percentages)	Fractions (3)	Multiplying fractions (2)	Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams	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, $\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = 1\frac{1}{5}$]
Number - fractions (including decimals and percentages)	Fractions (3)	Multiplying fractions (3)	Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams	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, $\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = 1\frac{1}{5}$]
Number - fractions (including decimals and percentages)	Fractions (3)	Multiplying fractions (4)	Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams	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, $\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = 1\frac{1}{5}$]
Number - fractions (including decimals and percentages)	Fractions (3)	Calculating fractions of amounts	Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams	
Number - fractions (including decimals and percentages)	Fractions (3)	Using fractions as operators	Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams	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, $\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = 1\frac{1}{5}$]
Number - fractions (including decimals and percentages)	Fractions (3)	Problem solving - mixed word problems	Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams	
Number - fractions (including decimals and percentages)	Decimals and percentages	Writing decimals (1)	Read, write, order and compare numbers with up to three decimal places	

Number - fractions (including decimals and percentages)	Decimals and percentages	Writing decimals (2)	Read, write, order and compare numbers with up to three decimal places	

Number - fractions (including decimals and percentages)	Decimals and percentages	Decimals as fractions (1)	Read and write decimal numbers as fractions [for example, = 71/100	
Number - fractions (including decimals and percentages)	Decimals and percentages	Decimals as fractions (2)	Read and write decimal numbers as fractions [for example, = 71/100	
Number - fractions (including decimals and percentages)	Decimals and percentages	Understanding thousandths	Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents	
Number - fractions (including decimals and percentages)	Decimals and percentages	Writing thousandths as decimals	Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents	
Number - fractions (including decimals and percentages)	Decimals and percentages	Ordering and comparing decimals (1)	Read, write, order and compare numbers with up to three decimal places	
Number - fractions (including decimals and percentages)	Decimals and percentages	Ordering and comparing decimals (2)	Read, write, order and compare numbers with up to three decimal places	
Number - fractions (including decimals and percentages)	Decimals and percentages	Rounding decimals	Round decimals with two decimal places to the nearest whole number and to one decimal place	
Number - fractions (including decimals and percentages)	Decimals and percentages	Understanding percentages	Recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with denominator 100, and as a decimal	
Number - fractions (including decimals and percentages)	Decimals and percentages	Percentages as fractions and decimals	Recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with denominator 100, and as a decimal	
Number - fractions (including decimals and percentages)	Decimals and percentages	Equivalent fractions, decimals and percentages	Solve problems which require knowing percentage and decimal equivalents of 1/2, 1/4, 2/5, 4/5 and those fractions with a denominator of a multiple of 10 or 25	Identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths

Number - fractions (including decimals and percentages)	Decimals	Adding and subtracting decimals (1)	Solve problems involving number up to three decimal places		
Number - fractions (including decimals and percentages)	Decimals	Adding and subtracting decimals (2)	Solve problems involving number up to three decimal places		
Number - fractions (including decimals and percentages)	Decimals	Adding and subtracting decimals (3)	Solve problems involving number up to three decimal places		
Number - fractions (including decimals and percentages)	Decimals	Adding and subtracting decimals (4)	Solve problems involving number up to three decimal places		
Number - fractions (including decimals and percentages)	Decimals	Adding and subtracting decimals (5)	Solve problems involving number up to three decimal places		
Number - fractions (including decimals and percentages)	Decimals	Adding and subtracting decimals (6)	Solve problems involving number up to three decimal places		

Number - fractions (including decimals and percentages)	Decimals	Adding and subtracting decimals (7)	Solve problems involving number up to three decimal places		
Number - fractions (including decimals and percentages)	Decimals	Adding and subtracting decimals (8)	Solve problems involving number up to three decimal places		
Number - fractions (including decimals and percentages)	Decimals	Decimal sequences	Read, write, order and compare numbers with up to three decimal places		
Number - fractions (including decimals and percentages)	Decimals	Problem solving - decimals (1)	Solve problems involving number up to three decimal places		
Number - fractions (including decimals and percentages)	Decimals	Problem solving - decimals (2)	Solve problems involving number up to three decimal places		
Number - fractions (including decimals and percentages)	Decimals	Multiplying decimals by 10	Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents	Solve problems involving number up to three decimal places	
Number - fractions (including decimals and percentages)	Decimals	Multiplying decimals by 10, 100 and 1,000	Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents	Solve problems involving number up to three decimal places	
Number - fractions (including decimals and percentages)	Decimals	Dividing decimals by 10	Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents	Solve problems involving number up to three decimal places	

Number - fractions (including decimals and percentages)	Decimals	Dividing decimals by 10, 100 and 1,000	Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents	Solve problems involving number up to three decimal places	
Geometry - properties of shapes	Geometry - properties of shapes (1)	Measuring angles in degrees	Identify: -angles at a point and one whole turn (total 360°) -angles at a point on a straight line and <stacked fraction>[1] a turn (total 180°) -other 2 multipl es of 90°	Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles	
Geometry - properties of shapes	Geometry - properties of shapes (1)	Measuring with a protractor (1)	Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles	Draw given angles, and measure them in degrees (°)	
Geometry - properties of shapes	Geometry - properties of shapes (1)	Measuring with a protractor (2)	Identify: -angles at a point and one whole turn (total 360°) -angles at a point on a straight line and <stacked fraction>[1] a turn (total 180°) -other 2 multipl es of 90°	Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles	Draw given angles, and measure them in degrees (°)
Geometry - properties of shapes	Geometry - properties of shapes (1)	Drawing lines and angles accurately	Draw given angles, and measure them in degrees (°)		
Geometry - properties of shapes	Geometry - properties of shapes (1)	Calculating angles on a straight line	Identify: -angles at a point and one whole turn (total 360°) -angles at a point on a straight line and <stacked fraction>[1] a turn (total 180°) -other 2 multipl es of 90°		
Geometry - properties of shapes	Geometry - properties of shapes (1)	Calculating angles around a point	Identify: -angles at a point and one whole turn (total 360°) -angles at a point on a straight line and <stacked fraction>[1] a turn (total 180°)		

Geometry - properties of shapes	Geometry - properties of shapes (1)	Calculating lengths and angles in shapes	Use the properties of rectangles to deduce related facts and find missing lengths and angles		
Geometry - properties of shapes	Geometry - properties of shapes (2)	Recognising and drawing parallel lines	Use the properties of rectangles to deduce related facts and find missing lengths and angles	Identify: -angles at a point and one whole turn (total 360°) -angles at a point on a straight line and <stacked fraction>[1] a turn (total 180°)	
Geometry - properties of shapes	Geometry - properties of shapes (2)	Recognising and drawing perpendicular lines	Use the properties of rectangles to deduce related facts and find missing lengths and angles	Identify: -angles at a point and one whole turn (total 360°) -angles at a point on a straight line and <stacked fraction>[1] a turn (total 180°)	
Geometry - properties of shapes	Geometry - properties of shapes (2)	Reasoning about parallel and perpendicular lines	Draw given angles, and measure them in degrees (o)	Identify: -angles at a point and one whole turn (total 360°) -angles at a point on a straight line and <stacked fraction>[1] a turn (total 180°)	
Geometry - properties of shapes	Geometry - properties of shapes (2)	Regular and irregular polygons	Distinguish between regular and irregular polygons based on reasoning about equal sides and angles		
Geometry - properties of shapes	Geometry - properties of shapes (2)	Reasoning about 3D shapes	Identify 3D shapes, including cubes and other cuboids, from 2D representations	-	

-

Geometry - position and direction	Geometry - position and direction	Reflection	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		
Geometry - position and direction	Geometry - position and direction	Reflection with coordinates	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	-	
Geometry - position and direction	Geometry - position and direction	Translation	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	-	
Geometry - position and direction	Geometry - position and direction	Translation with coordinates	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	-	
Measurement	Measure - converting units	Metric units (1)	Convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre)		
Measurement	Measure - converting units	Metric units (2)	Convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre)		
Measurement	Measure - converting units	Metric units (3)	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)	
Measurement	Measure - converting units	Metric units (4)	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)	
Measurement	Measure - converting units	Imperial units of length	Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints		
Measurement	Measure - converting units	Imperial units of mass	Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints		
Measurement	Measure - converting units	Imperial units of capacity	Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints		
Measurement	Measure - converting units	Converting units of time	Solve problems involving converting between units of time		
Measurement	Measure - converting units	Timetables	Solve problems involving converting between units of time		
Measurement	Measure - converting units	Problem solving - measure	Use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling		

Measurement	Measure - volume and capacity	What is volume?	Estimate volume [for example, using 1 cm^3 blocks to build cuboids (including cubes)] and capacity [for example, using water]		
Measurement	Measure - volume and capacity	Comparing volumes	Estimate volume [for example, using 1 cm^3 blocks to build cuboids (including cubes)] and capacity [for example, using water]		
Measurement	Measure - volume and capacity	Estimating volume	Estimate volume [for example, using 1 cm^3 blocks to build cuboids (including cubes)] and capacity [for example, using water]		
Measurement	Measure - volume and capacity	Estimating capacity	Estimate volume [for example, using 1 cm^3 blocks to build cuboids (including cubes)] and capacity [for example, using water]		