Y4	Week 1	Week 2	Week 3 & Week 4	Week 5	Week 6	Week 7
Autumn T1	**Number- Place Value** Count in multiples of 25 and 1000. Find 1000 more or less than a given number. Recognise the place value of each digit in a 4-digit number (thousands, hundreds, tens, and ones). Order and compare numbers beyond 1000.	**Number –Addition and Subtraction** Add numbers with up to 4 digits using the formal written methods of columnar addition where appropriate. Subtract numbers with up to 4 digits using the formal written methods of columnar subtraction where appropriate.	**Measurement** Convert between different units of measure (length mm/cm/m/km); mass (kg/g); volume/capacity (l/ml). Estimate, compare and calculate different measures, including money in pounds and pence.	**Number –Multiplication and Division** Multiply two-digit numbers by a one-digit number using formal written layout. Multiply three-digit numbers by a one-digit number using formal written layout.	**Geometry-properties of shape** Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes.	**Statistics** Interpret discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.

Y4	Week 1	Week 2	Week 3 & 4	Week 5	Week 6	Week 7
Autumn T2	**Number- Place Value** Count from 0 in multiples of 6,7 and 9. Identify, represent and estimate numbers using different representations. Count backwards through zero to include negative numbers. Round any number to the nearest 10, 100 or 1000.	**Number –Addition and Subtraction** Estimate and use inverse operations to check answers to a calculation. Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.	**Measurement** Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres. Find the area of rectilinear shapes by counting squares.	**Number –Multiplication and Division** Use place value, known and derived facts to multiply and divide mentally, including: multiplying 0 and 1; dividing by 1; multiplying together 3 numbers Solve problems involving dividing by 1 and 2 digit numbers Recognise and use factor pairs and commutativity in mental calculation	**Geometry-properties of shape** Identify lines of symmetry in 2-D shapes presented in different orientations. Complete a simple symmetric figure with respect to a specific line of symmetry.	**Statistics** Present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs

Y4	Week 1 and Week 2	Week 3	Week 4	Week 5	Week 6
Spring T1	**Number- Fractions + Decimals** Count up and down in hundredths. Recognise that hundredths arise when dividing an object by a hundred and dividing tenths by ten. Recognise and show using diagrams, families of common equivalent fractions Recognise and write decimal equivalents of any number of tenths or hundredths Recognise and write decimal equivalents to a quarter, half and three quarters. 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.	**Geometry-properties of shape** Identify acute and obtuse angles. Compare and order angles up to two right angles by size.	**Number –Multiplication and Division** Solve problems involving multiplying and adding including using the distributive law to multiply 2 digit numbers by 1 digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects.	**Statistics** Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.	**Measurement** Read, write & convert time between analogue and digital 12 and 24-hour clocks. Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days). Convert between different units of measure (e.g. hour to minute)

Y4	Week 1	Week 2	Week 3 and Week 4	Week 5	Week 6
Spring T2	**Number –Place Value** Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value. Recognise the place value of each digit in a 5-digit number (ten thousands, thousands, hundreds, tens, and ones). Solve problems involving counting backwards through zero to include negative numbers.	**Geometry-Position and Direction** Describe positions on a 2-D grid as coordinates in the first quadrant. Plot specified points and draw sides to complete a given polygon.	**Number -Fractions** Round decimals with one decimal place to the nearest whole number. Compare numbers with the same number of decimal places up to 2 decimal places. Add fractions with the same denominator. Subtract fractions with the same denominator	**Measurement** Solve problems involving area and perimeter including calculating missing measurements.	**Statistics** Interpret discrete and continuous data using appropriate graphical methods, including bar charts and time graphs

Y4	Week 1	Week 2	Week 3	Week 4	Week 5 and Week 6
Summer T1	**Number- Place Value** Solve problems involving rounding whole numbers. Solve problems involving place value concepts including negative numbers Recognise the place value of each digit in a 5-digit number (ten thousands, thousands, hundreds, tens, and ones).	**Measurement** Solve problems involving measures and money Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days). Convert between different units of measure (e.g. hour to minute) Solve simple measure and money problems involving fractions and decimals to 2 decimal places.	**Geometry-Position and Direction** Describe movements between positions as translations of a given unit to the left/right and up/down.	**Statistics** Present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs	**Number –Fractions** 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.

Y4	**Week 1 and Week 2**	**Week 3 and Week 4**	**Week 5**	**Week 6**
Summer T2	**Number- Fractions** Solve problems involving dividing by 10 and 100 Solve problems involving rounding to the nearest 10, 100 and whole number Recognise the place value of each digit in a 5-digit number (ten thousands, thousands, hundreds, tens, and ones).	**Measurement** Consolidate and revisit gaps in learning. Investigation involving measures Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days). Solve problems involving conversion of measurement	**Geometry** Consolidate and revisit gaps in learning. Investigation involving geometry. Solve problems involving properties of shape and position	**Statistics** Consolidate and revisit gaps in learning. Investigation involving statistics. Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.