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| **YEAR 2 OVERVIEW** | **AUTUMN 1** | **AUTUMN 2** | **SPRING 1**  | **SPRING 2** | **SUMMER 1**  | **SUMMER 2** |
| **Number & Place Value** | * count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward
* recognise the place value of each digit in a two-digit number (tens, ones)
 | * identify, represent and estimate numbers using different representations, including the number line
* compare and order numbers from 0 up to 100; use <, > and = signs
 | * read and write numbers to at least 100 in numerals and in words
* use place value and number facts to solve problems.
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 |
| **Number -Addition and subtraction** | * add and subtract numbers using concrete objects, pictorial representations, and mentally, including:
* a two-digit number and ones
* a two-digit number and tens

show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot* recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.
 | * solve problems with addition and subtraction:
* using concrete objects and pictorial representations, including those involving numbers, quantities and measures
* applying their increasing knowledge of mental and written methods

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
* a two-digit number and tens
* two two-digit numbers

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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
* a two-digit number and tens
* two two-digit numbers
* adding three one-digit numbers

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| **Number – multiplication and division** | * recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers
* solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.
 | * calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs
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| **Fractions** |  | recognise, find, name and write fractions , ,  and  of a length, shape, set of objects or quantity | recognise, find, name and write fractions , ,  and  of a length, shape, set of objects or quantity | write simple fractions for example,  of 6 = 3 | recognise the equivalence of  and . | write simple fractions for example,  of 6 = 3 and recognise the equivalence of  and . |
| **Measurement** | * 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 =
 | * recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value
* find different combinations of coins that equal the same amounts of money
* solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change
 | * compare and sequence intervals of time
* tell and write the
* me 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.
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 |
| **Geometry – properties of shape** | * identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line
* compare and sort common 2-D and 3-D shapes and everyday objects.
 | * identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces
* compare and sort common 2-D and 3-D shapes and everyday objects.
 | * identify 2-D shapes on the surface of 3-D shapes [for example, a circle on a cylinder and a triangle on a pyramid]
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| **Geometry - Position & Direction** | * 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).
 | * order and arrange combinations of mathematical objects in patterns and sequences
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| **Statistics** | * interpret and construct simple pictograms, tally charts, block diagrams and simple tables
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* 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. | * interpret and construct simple pictograms, tally charts, block diagrams and simple tables
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| **Using & Applying** | Solve problems involving +/-/x/÷ in different contexts. | Solve problems involving +/-/x/÷ in different contexts. | Solve problems involving +/-/x/÷ in different contexts. | Solve problems involving +/-/x/÷ in different contexts. | Solve problems involving +/-/x/÷ in different contexts. | Solve problems involving +/-/x/÷ in different contexts. |