## Year 2

- count to and across 100 , forwards and backwards, beginning with 0 or 1 , or from any given number
- count, read and write numbers to 100 in numerals
- count in multiples of twos, fives and tens
- identify and represent numbers using objects and pictorial representations including the number line, \& use language of: equal to, more than, less than (fewer), most, least
- read and write numbers from 1 to 20 in numerals and words
- read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs
- given a number, identify one more and one less
- represent and use number bonds and related subtraction facts within 20
- 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
- compare and order numbers from 0 up to 100 ; use $<$, $>$ and $=$ signs
- 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
- use place value and number facts to solve problems

|  | - Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10 , including double facts. (ELG) <br> - Have a deep understanding of number to 10 , including the composition of each number. (ELG) | - Add and subtract one-digit and two-digit numbers to 20 , including zero <br> - solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7=\square-9$. | - add and subtract numbers using concrete objects, pictorial representations, and mentally, including: TO+O, TO+T, TO+TO and O+O+O <br> - show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot <br> - solve problems with addition and subtraction, using concrete, pictorial and abstract representations <br> - recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems. |
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|  |  | - 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. | - recall and use multiplication and division facts for the 2,5 and 10 multiplication tables, including recognising odd and even numbers <br> - calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication ( $\times$ ), division ( $\div$ ) and equals ( $=$ ) signs <br> - show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot <br> - solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts |


|  |  | - recognise, find and name a half as one of two equal parts of an object, shape or quantity <br> - recognise, find and name a quarter as one of four equal parts of an object, shape or quantity. | - recognise, find, name and write fractions $1 / 3,1 / 4,2 / 4$ and $3 / 4$ of a length, shape, set of objects or quantity <br> - write simple fractions for example, $1 / 2$ of $6=3$ and recognise the equivalence of $2 / 4$ and $1 / 2$. |
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| $\stackrel{0}{E}$ | - Use everyday Language related to time. <br> - Order and sequence familiar events. <br> - Measures short periods of time in simple ways. <br> (Not in the new EYFS Framework, but taught in the White Rose S.o.W) | - Sequence events in chronological order using language. <br> - Recognise and use language related to dates, including days of the week, months and years. <br> - Tell the time to the hour and half past and draw the hands on a clock face to show these times. | - Compare and sequence interval times. <br> - Tell and write the time to five minutes, including quarter to/past the hour and draw the hands on a clock face to show these times. <br> - Know the number of minutes in an hour and the number of hours in a day. |
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| 0 0 0 0 0 | - Compare length, weight and capacity | - Compare, describe and solve practical problems for: length/height, weight/mass, capacity/volume \& time <br> - Measure and begin to record length/height, weight/mass, capacity/volume \& time | - Choose and use appropriate standard units to estima (kg/g); temperature ( ${ }^{\circ} \mathrm{C}$ ); capacity (litres $/ \mathrm{ml}$ ) to the ne thermometers and measuring vessels <br> - Compare and order lengths, mass, volume/capacity and record the results using >, < and = |
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| Position \& Direction | - Can describe their relative position such as 'behind' or 'next to'. <br> (Not in the new EYFS Framework, but taught in the White Rose S.o.W) | - Describe position, direction and movement, including whole, half, quarter and threequarter turns. | - Order and arrange combinations of mathematical objects in patterns and sequences. <br> - 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 $3 / 4$ turns |


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|  | - Interpret and construct simple pictograms, tally charts, block diagrams and simple tables | - Interpret and present data using bar charts, pictograms and tables |
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