|  | Year 1 |
| :---: | :---: |
| 1 | $\begin{aligned} & \text { Counts to and across } 100 \text {, forwards and } \\ & \text { backwards, beginning with zero or one, or from } \end{aligned}$ any given number |
| 2 | Counting, reading and writing numbers to 100 in numerals and numbers one to 20 in numerals and words; counting in multiples of two, five and te |
| 3 | number within 100 , identifying one more and one less |
| 4 | Representing and using number bonds and related subtraction facts within 20 |
| 5 | Solving one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and solving missing number problems |
| 6 | Solving problems that involve grouping and sharing, including halving and doubling |
| 7 | Comparing, describing and solving practical problems for length and height, mass or weight, and capacity and volume |
| 8 | Comparing, describing and solving practical problems for time and telling the time to the hour and half past the hour; drawing the hands on clock face to show these times |
| 9 | Recognising and naming common 2-D shapes, including rectangles (including squares), circles and triangles |
| 10 | Recognising and naming common 3-D shapes, including cuboids (including cubes), pyramids and spheres |

Maths - Key Learning Points

| Year 2 |  | Year 3 |  | Year 4 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Compress and orders numbers fiom 0 up to 100 |  | Fom zero in mutipies of four, eight, 50 and |  | ant in multipes of six, seven, nine, 25 and 1000 |
| 2 | Recognise the place value of each digt in 2 a digit number | 2 | Recognise the place value of each digit in a 3- <br> digit number and find 100 more or less than a given number. | 2 | Recognise the place value of each digit in a four digit number (thousands, hundreds, tens and ones) and find 1000 more or less than a given number |
| 3 | Count in steps of two, three and five from zero, and in tens from any number, forward and backward | 3 | Use place value and number facts to solve number problems and practical problems | 3 | Round any number to the nearest ten, hundred or thousand |
| 4 | Recall and use addition and subtraction facts to 20 fluently |  | Add and subtract number mentall, including: a 3digit number and ones; a 3-digit number and tens; a-digit number and hundreds | 4 |  |
| 5 | Solves problems with addition and subtraction: using concrete objects and pictorial epresentations, including those involving numbers, quantities and measures | 5 | Apply addition and subtraction to numbers with up to three digits using the columnar addition up to three digits using the columnar addition method. | 5 |  problems |
| 6 | Recall and use multiplication and division facts for the two, five and ten multiplication tables, including recognising odd and even numbers | 6 | Sove scaling and coresesondence problems for multiplication and division using the multiplication involve multiplying a two-digit number by a onedigit number | 6 |  |
| 7 |  | 7 | Recognise, find and write fractions of a discrete <br> set of objects, including unit fractions and non unit fractions with small denominators. | 7 |  |
| 8 | Recognise, find, name and write fractions one half, one third, one quarter, two quarters, and three quarters of a length, shape, set of objects or quantity | 8 | Measure, compare, add and subtract: lengths ( m , $\mathrm{cm}, \mathrm{mm}$ ); mass (kg, g); volume or capacity ( $\mathrm{l}, \mathrm{ml}$ ). | 8 |  |
| 9 | Solves simple problems in a practical context involving addition and subtraction of mass, capacity, length and money including giving change | , | Telling and writing the time from an analogue clock and in 12-hour format, and comparing durations of events. | 9 | Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres |
| 10 | Compare and sort common 2-D and 3-D shapes and everyday objects and order and arrange combinations in patterns and sequences in patterns and sequence | 10 |  | 10 | Read, write and convert time between analogue and digital 12- and 24 -hour clocks |
| 11 | Use mathematical vocabulary to describe position direction and movement including movement in straight line, and distinguish between rotation as and three-quarter turns (clockwise and anticlockwise) | 11 | sting and presenting data using bar chats, pictogams sand tabes. | 11 | Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days |
| 12 | Ask and answer question about totalling and comparing categorical data |  |  | 12 | Identify lines of symmetry in 2-D shapes presented in different orientations |
| 13 |  |  |  | 13 | Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs |



