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| **Garden Suburb Junior School**  **Maths**  **Year 3 National Curriculum Programme of Study Statements** |
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| **Number and place value** |
| I can count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number |
| I can recognise the place value of each digit in a three-digit number (hundreds, tens, ones) |
| I can compare and order numbers up to 1000 |
| I can identify, represent and estimate numbers using different representations |
| I can read and write numbers up to 1000 in numerals and in words |
| I can solve number problems and practical problems involving these ideas |
| **Number - Addition and subtraction** |
| I can add and subtract numbers mentally, including three-digit numbers |
| I can add / subtract numbers up to three digits, using formal written methods of addition and subtraction |
| I can estimate the answer to a calculation and use inverse operations to check answers |
| I can solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction |
| **Number – Multiplication and division** |
| I can recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables |
| I can write and calculate mathematical statements for multiplication and division using the multiplication tables that I know |
| I can solve problems involving multiplication and division, including missing number problems |
| **Number - fractions** |
| I can count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts |
| I can recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions |
| I can recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators |
| I can recognise and show equivalent fractions with small denominators, using diagrams |
| I can add and subtract fractions with the same denominator within one whole |
| I can compare and order unit fractions, and fractions with the same denominators |
| I can solve problems that involve all of the above |
| **Measurement** |
| I can measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml) |
| I can measure the perimeter of simple 2-D shapes |
| I can add and subtract amounts of money to give change, using both £ and p in practical contexts |
| I can tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks |
| I can estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o’clock, a.m./p.m., morning and afternoon |
| I know the number of seconds in a minute and the number of days in each month, year and leap year |
| I can compare durations of events [for example to calculate the time taken by particular events or tasks] |
| **Geometry – properties of shapes** |
| I can draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them |
| I can recognise angles as a property of shape or a description of a turn |
| I can identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle |
| I can identify horizontal and vertical lines and pairs of perpendicular and parallel lines |
| **Statistics** |
| I can interpret and present data using bar charts, pictograms and tables |
| I can solve one-step and two-step questions using information presented in scaled bar charts and pictograms and tables |