**Year 3 Whole Year Maths Curriculum Coverage**

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| **Place Value** |
| 1. Count from 0 in multiples of 4, 8, 50 and 100. Find 10 or 100 more or less than a given number. |
| 2. Recognise the place value of each digit in a three-digit number (hundreds, tens, ones). |
| 3. Compare and order nos up to 1000. Read and write nos up to 1000 in numerals and in words. |
| 4. Identify, represent and estimate numbers using different representations. |
| 5. Solve number problems and practical problems involving these ideas. |
| **Addition and Subtraction** |
| 6. Add and subtract numbers mentally, including: a 3-digit no and 1s, 10s, 100s. |
| 7. Add and sub numbers with up to 3 digits, using formal written methods of columnar add and sub. |
| 8. Estimate the answer to a calculation and use inverse operations to check answers. |
| 9. Solve probs, inc missing no probs, using number facts, place value, and more complex add/sub. |
| **Multiplication and Division** |
| 10. Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables. |
| 11. Write and calc math statements for x and ÷ using the tables they know, including 2-digit numbers times 1-digit numbers, using mental and formal written methods. |
| 12. Solve probs and missing number probs, involving x and ÷, including integer scaling probs and correspondence probs in which n objects are connected to m objects. |
| **Fractions** |
| 13. Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10. |
| 14. Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators. |
| 15. Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators. |
| 16. Recognise and show, using diagrams, equivalent fractions with small denominators. |
| 17. Add and sub fractions with the same denominator within one whole (e.g. ⁵∕₇ + ⅟₇ = ⁶∕₇). |
| 18. Compare and order unit fractions, and fractions with the same denominators. |
| **Measure** |
| 19. Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml). |
| 20. Measure the perimeter of simple 2-D shapes. |
| 21. Add and subtract amounts of money to give change, using both £ and p in practical contexts. |
| 22. Tell/write the time from an analogue clock, inc Roman numerals from I to XII, and 12-hr/24-hr clocks. |
| 23. Estimate and read time with increasing accuracy to nearest min; record/compare time in secs, mins, hrs. Use vocab such as o’clock, a.m./p.m., morning, afternoon, noon and midnight. |
| 24. Know the no of seconds in a minute and the number of days in each month, year and leap year. |
| **Geometry** |
| 25. Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them. |
| 26. Recognise that angles are a property of shape or a description of a turn. |
| 27. Identify right angles, recognise that 2 right angles make a half-turn, 3 make three quarters of a turn and 4 a complete turn. Identify whether angles are greater than or less than a right angle. |
| 28. Identify horizontal and vertical lines and pairs of perpendicular and parallel lines. |
| **Statistics** |
| 29. Interpret and present data using bar charts, pictograms and tables. |
| 30. Solve one-step and two-step questions such as ‘How many more?’ and ‘How many fewer?’ using information presented in scaled bar charts and pictograms and tables. |