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| **Year 3**  **Year Overview** | | |
| **Unit** | **Learning Hours** | **Summary of Key Content** |
| 1. Pattern Sniffing | 8 | Count in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number; recall multiplication tables for 3s, 4s and 8s. |
| 2. Investigating Number Systems | 8 | Read and write numbers to 1000 in words and numerals; recognise place vale up to 3 digits; identify, represent and estimate numbers; compare and order numbers up to 1000. |
| 3. Solving Calculation Problems | 8-12 | Add and subtract mentally up to 3 digits plus ones, or tens or hundreds; add and subtract up to 3d using formal methods; estimate answers and use inverse operations to check a calculation. |
| 4. Exploring Shape | 8 | Identify horizontal and vertical lines; identify pairs of parallel or perpendicular lines; recognise angles in shapes or as turns; identify right angles; recognise multiples of right angles. |
| 5. Generalising Arithmetic | 8 | Revisit mental addition and subtraction (3d + 1s or 10s or 100s) and formal methods of calculation for addition and subtraction up to 3d. Solve problems using addition and subtraction including missing number problems, number facts, place value etc. |
| 6. Reasoning with Measures | 8 | Add and subtract money in practical contexts to give change etc.  Measure perimeter of simple 2D shapes |
| 7. Discovering Equivalence | 8 | Recognise, find and write fractions of a discrete set of objects; recgonise and use fractions as numbers; compare and order unit fractions; compare and order fractions with the same denominator; recognise and show equivalent fractions. |
| 8. Investigating Statistics | 8 | Interpret and construct simple tally charts, pictograms, block diagrams and tables; ask and answer simple questions by counting and sorting; ask and answer questions by totalling and comparing data. |
| 9. Solving Number Problems | 8 | Write statements for multiplication and division using times tables, including up to 2d x 1d.  Solve problems involving multiplication and division including missing numbers, scaling and correspondence problems. |
| 10. Reasoning with Fractions | 8 | Revisit fractions from Unit 7. Add and subtract fractions with same denominator within one whole. |
| 11. Visualising Shape | 8 | Draw 2D shapes and make 3D shapes; recognise 3D shapes in various orientations and describe them. |
| 12. Exploring Change | 8 | Tell and show the time to nearest minute using analogue and digital clocks, using 12 and 24 hours. Know number of seconds in a minute, number of days in each month, year and leap year. Compare durations of events. |
| 13. Proportional Reasoning | 8 | Revisit writing statements for multiplication and division using times tables – develop formal methods for up to 2d x 1d. Solve problems involving multiplication and division. |
| 14. Describing Position | 0 |  |
| 15. Measuring and Estimating | 6 | Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml) |

It is down to the individual class teacher to adapt the time, order and duration of each of the units to best suit the children’s needs.