**SANDBROOK SMATHS LONG TERM ASSESSMENT PLAN YEAR 3**

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| **LEARNING CYCLE** | **BOOK 3 CHAPTER** | **RELATED AM BULLET POINT** | **EXPECTED BULLET POINT COMPLETION** | **AM ASSESSMENT MILESTONE** |
| **1** | **Numbers to 1000** | 3.2. Recognise the place value of each digit in a three-digit number (hundreds, tens, ones). | **3.2** |  |
| 3.3. Compare and order nos up to 1000. Read and write nos up to 1000 in numerals and in words. | **3.3** |
| 3.4. Identify, represent and estimate numbers using different representations. | **3.4** |
| 3.5. Solve number problems and practical problems involving these ideas. | **3.5** |
| **Addition and Subtraction** | 3.6. Add and subtract numbers mentally, including: a 3-digit no and 1s, 10s, 100s. | **3.6** |
| 3.7. Add and sub numbers with up to 3 digits, using formal written methods of columnar add and sub. | **3.7** |
| 3.8. Estimate the answer to a calculation and use inverse operations to check answers. | **3.8** |
| 3.9. Solve probs, inc missing no probs, using number facts, place value, and more complex add/sub. | **3.9** | 3B A cumulative total of at least 8 bullet points |
| **2** | **Multiplication and Division** | 3.10. Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables. | **3.1** |  |
| **3.10** |
| 3.11. 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. |  |
| 3.12. 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. |  |
| **Further Multiplication and Division** | 3.11. 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. | **3.11** |
| 3.12. 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. | **3.12** | 3D A cumulative total of at least 12 bullet points |
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| **3** | **Length** | 3.19. Measure, compare, add and subtract: lengths (m/cm/mm |  |  |
| **Mass** | 3.19. Measure, compare, add and subtract: mass (kg/g);  |  |
| **Volume** | 3.19. Measure, compare, add and subtract: volume/capacity (l/ml). | **3.19** | 3D A cumulative total of at least 13 bullet points |
| **4** | **Money** | 3.21. Add and subtract amounts of money to give change, using both £ and p in practical contexts. | **3.21** |  |
| **Time** | 3.23. 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. | **3.23** |
| 3.24. Know the no of seconds in a minute and the number of days in each month, year and leap year. | **3.24** | 4DA cumulative total of at least 16 bullet points |
| **5** | **Picture Graphs and Bar Graphs** | 3.29. Interpret and present data using bar charts, pictograms and tables. | **3.29** |  |
| 3.30. 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. | **3.30** |
| **Fractions** | 3.13. 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. | **3.13** |
| 3.14. Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators. | **3.14** |
| 3.15. Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators. | **3.15** |
| 3.16. Recognise and show, using diagrams, equivalent fractions with small denominators. | **3.16** |
| 3.17. Add and sub fractions with the same denominator within one whole (e.g. ⁵∕₇ + ⅟₇ = ⁶∕₇). | **3.17** |
| 3.18. Compare and order unit fractions, and fractions with the same denominators. | **3.18** | 3SA cumulative total of at least 24 bullet points |
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| **6** | **Angles** | 3.26. Recognise that angles are a property of shape or a description of a turn. | **3.26** |  |
| **6** | **Angles** | 3.27. 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. | **3.27** |
| 3.28. Identify horizontal and vertical lines and pairs of perpendicular and parallel lines. | **3.28** |
| **Lines and Shapes** | 3.25. Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them. | **3.25** |
|  | **Perimeter of Figures** | 3.20. Measure the perimeter of simple 2-D shapes. | **3.20** | 4A A cumulative total of at least 29 bullet points |
| **N/A** | 3.22. Tell/write the time from an analogue clock, inc Roman numerals from I to XII, and 12-hr/24-hr clocks. | Taught in year 4 chapter 14  |