National Curriculum Content Covered From Year 3

2. Recognise the place value of each digit in a 3-digit number (100s, 10s, 1s). 10. Add and subtract numbers with up to 3 digits, using formal written methods of columnar addition and subtraction. 4. Identify, represent and estimate numbers using different representations. 5. Read and write numbers up to 1,000 in numerals and in words. 6. Solve number problems and practical problems involving those ideas. 11. Estimate the answer to a calculation and use inverse operations to check answers. 36. Find 10 or 100 more or less than a given number. 7. Add and subtract numbers mentally, including a 3-digit number and 1s. 8. Add and subtract numbers mentally, including a 3-digit number and 10s. 9. Add and subtract numbers mentally, including a 3-digit number and 100s. 10. Add and subtract numbers with up to 3-digits, using formal written methods of columnar addition and subtraction. 24. Measure the perimeter of a simple shape. 30. Draw 2D shapes and make 3D shapes using modelling materials recognise 3D shapes in different orientations and describe them. 31. Recognise angles as a property of shape or a description of a turn. 32. Identify right angles, recognise that 2 right angles make a half turn, 3 make three quarters of a turn and 4 a complete turn; compare these to a right angle. 33. Identify horizontal and vertical lines and pairs of perpendicular and parallel lines 34. Interpret and present data using bar charts, pictograms and tables. 35. Solve one step and two step questions (e.g. 'How many more?' and 'How many fewer?') Using information presented in scaled bar charts and pictograms and tables.

By the end of this unit, children will be able to recognise and identify and draw 2D and 3D shapes and also describe them by their properties, including angles and lines of symmetry. Furthermore children will be able to interpret data from a range of tables and charts and use this to answer questions.

Initially, children will work from their starting points to identify 2D and 3D shapes they know from year. We will then build on this practically by identifying additional properties that distinguish shapes e.g. angles and types of lines. Children will then move to building on their existing understanding of statistics by recapping pictograms and moving to more complex charts. Towards the end of the term children will be recapping addition and subtraction and multiplication and division.

Oral & Mental

Revision of + and - facts and times table facts.

Properties of 2D and 3D shapes.

Identifying and recognising angles as fractions of a turn.

Asking and answering questions about data collected.

Ordering and organising data in a tables or chart

Understanding, collecting and interpreting data will be a feature in this topic.

Year 3 MTP for Shape, Statistics and recapping Number – Addition Subtraction.

Addition and subtraction

Practical and concrete representation of 3-digit addition and subtraction.

Formal written method of column addition and subtraction.

Solve problems, including missing number problems, using number facts, and place value.

Estimating answers/rounding to nearest 10 & 100. Counting in steps of 2, 3, 4, 5 8, 10, 50 & 100. Inverse operations.

Shape

Naming and identifying properties of 2D and 3D shapes.

Comparing, sorting and arranging 2D and 3D shapes.

Using different ways to sort, collect data about shapes.

Recognising angles and describing turns.

Identifying types of lines within shapes

Problem solving

Using statistics to solve problems about data collected. Using mental & written methods to solve problems involving time and measures.

Statistics

Interpreting and constructing simple tables, bar charts, pictograms, & block diagrams.

Solving 1 and 2 step questions around information presented in scaled charts and tables.