



| | Autumn | Spring | Summer |
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| | Please see the Maths Mastery curriculum map for Reception to Year 4. | | |
| 5 | <p>Children will be going through their understanding of place value. They will be adding and subtracting 4 digit numbers, and solving problems which involve this skill. The children will further explore the formal written methods for multiplication and division (short and long division). The topic of fractions will be explored where children will be expected to multiply and divide fractions, as well as order fractions, calculate equivalent fractions and find percentages and decimal equivalences. Other topics include: co-ordinates and percentages of amounts.</p> | <p>This term children will look at topics such as: negative numbers, squared and cubed numbers, roman numerals, translations and reflections, temperature and line graphs. The children will look at shape, exploring properties of rectangles, regular and irregular polygons as well as area and perimeter. Measuring length, capacity, mass and time will also be explored, alongside work on angles. Here, children will look at angles around a point, in a shape and on a line. Decimals will be explored in more depth this term, looking at reading, writing, comparing and calculating.</p> | <p>Within the summer term the children will be exploring topics that they have already been introduced to this year, with the teacher identifying where the children need more support. Key areas which go throughout the year will continue to be covered such as place value and calculations, where children are secured in their written methods. Calculating with fractions and decimals will also be recapped.</p> |
| 6 | <p>Children will be starting the year looking at place value. They will explore measures where children will be expected to convert between standard units. All four operations (addition, subtraction, multiplication and division) will be explored within problems, ensuring a formal written method can be used accurately. Children will explore fractions, decimals and percentages, looking at calculating with these. Other topics covered this term include: angles, area and perimeter, algebra, graphs and shape.</p> | <p>Children will continue to look at the four operations within multi-step problems. Shape, including 2D and 3D shapes, area and perimeter and converting measures are also revisited this term. Building on their knowledge of algebra, the children will explore a range of sequences. Children will explore ratio and proportion this term alongside other topics such as: negative numbers, transformation within the four quadrants, prime numbers and cube numbers and roman numerals.</p> | <p>Within the summer term the children are busy revisiting the topics looked at this year, deepening their understanding of the different areas ahead of their end of Key Stage 2 assessments. Key topics, such as place value and the four operations remain present throughout the term. They will recap the use of RUCSAC (read, understand, choose, solve, answer and check) to help them access different word problems. The children are also prepared for their transition to secondary school and the mathematical problems they may encounter.</p> |