



# Holy Family Catholic Primary School

## Year 5 Maths Long Term Plan and Spring Term Overview



|        | Week 1   | Week 2 | Week 3 | Week 4                                    | Week 5 | Week 6   | Week 7 | Week 8 | Week 9                                   | Week 10                                | Week 11    | Week 12                      |
|--------|--|--------|--------|---|--------|--|--------|--------|--|--|------------|------------------------------|
| Autumn | Number<br><b>Place value</b>                   |        |        | Number<br><b>Addition and subtraction</b> |        | Number<br><b>Multiplication and division A</b> |        |        | Number<br><b>Fractions A</b>             |  |            |                              |
| Spring | Number<br><b>Multiplication and division B</b> |        |        | Number<br><b>Fractions B</b>              |        | Number<br><b>Decimals and percentages</b>      |        |        | Measurement<br><b>Perimeter and area</b> |  | Statistics |                              |
| Summer | Geometry<br><b>Shape</b>                       |        |        | Geometry<br><b>Position and direction</b> |        | Number<br><b>Decimals</b>                      |        |        | Number<br><b>Negative numbers</b>        | Measurement<br><b>Converting units</b> |            | Measurement<br><b>Volume</b> |



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### Year 5 – Spring Term

| Number:<br>Multiplication and<br>division B  | Number: Fractions B  | Number: Decimals and percentages  | Measurement:<br>Perimeter and area   | Statistics   |
|--|--|---|--|--|
| <p>Multiply numbers up to four digits by a 1- or 2-digit number using a formal written method, including long multiplication for 2-digit numbers</p> <p>Divide up to four digits by a 1-digit number using the formal written method of short division and interpret remainders appropriately for the context</p> <p>Solve problems involving multiplication and division, including using their knowledge of factors and multiples, squares and cubes</p> | <p>Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams</p> <p>Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number (Y4)</p> | <p>Read, write, order and compare numbers with up to 3 decimal places</p> <p>Read and write decimal numbers as fractions</p> <p>Identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths</p> <p>Solve problems which require knowing percentage and decimal equivalents of <math>\frac{1}{2}</math>, <math>\frac{1}{4}</math>, <math>\frac{1}{5}</math>, <math>\frac{2}{5}</math>, <math>\frac{4}{5}</math> and those fractions with a denominator of a multiple of 10 or 25</p> <p>Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents</p> <p>Solve problems involving numbers up to 3 decimal places</p> <p>Round decimals with 2 decimal places to the nearest whole number and to 1 decimal place</p> <p>Recognise the per cent symbol (%) and understand that per cent relates to “number of parts per 100”, and write percentages as a fraction with denominator 100, and as a decimal fraction</p> | <p>Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres</p> <p>Calculate and compare the area of rectangles (including squares), including using standard units, square centimetres (cm<sup>2</sup>) and square metres (m<sup>2</sup>), and estimate the area of irregular shapes</p> | <p>Solve comparison, sum and difference problems using information presented in a line graph</p> <p>Complete, read and interpret information in tables, including timetables</p> |