



Holy Family Catholic Primary School

Year 5 Maths Long Term Plan and Autumn 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 Place value | | | Number Addition and subtraction | | Number Multiplication and division A | | | Number Fractions A | | | |
| Spring | Number Multiplication and division B | | | Number Fractions B | | Number Decimals and percentages | | | Measurement Perimeter and area | | Statistics | |
| Summer | Geometry Shape | | | Geometry Position and direction | | Number Decimals | | | Number Negative numbers | Measurement Converting units | | Measurement Volume |



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Year 5 – Autumn Term

| Number: Place Value | Number: Addition and Subtraction | Number: Multiplication and Division A | Number: Fractions A |
|---|---|--|--|
| <p>Read Roman numerals to 1000 (M) and recognise years written in Roman numerals.</p> <p>Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit</p> <p>Count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000</p> <p>Solve number problems and practical problems that involve all of the above</p> <p>Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000</p> | <p>Add and subtract numbers mentally with increasingly large numbers</p> <p>Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)</p> <p>Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.</p> <p>Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy</p> | <p>Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers</p> <p>Solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes</p> <p>Know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers</p> <p>Establish whether a number up to 100 is prime and recall prime numbers up to 19</p> <p>Recognise and use square numbers and cube numbers, and the notation for squared (²) and cubed (³)</p> <p>Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000</p> <p>Multiply and divide numbers mentally drawing upon known facts</p> | <p>Identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths</p> <p>Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number [for example, $2/5 + 4/5 = 6/5 = 1 \frac{2}{5}$]</p> <p>Compare and order fractions whose denominators are all multiples of the same number</p> <p>Add and subtract fractions with the same denominator and denominators that are multiples of the same number</p> |