**Maths in Year 5**

* Interpret negative numbers in context
* Read Roman numerals to 1000, including years
* Recognise and use square and cube numbers and know the notation
* Use rounding to check answers and determine accuracy
* Identify multiples and factors, incl. finding factor pairs and common factors
* Use/know vocabulary: prime numbers, prime factors and composite numbers
* Multiply and divide numbers by 10, 100 or 1000, including decimals
* Use long multiplication for multiplying numbers up to 4 digits by 1 or 2 digits
* Divide numbers using standard written short division
* Convert between mixed numbers and improper fractions
* Compare/order fractions - denominators are multiples of the same number
* Identify, name & write equivalent fractions including tenths and hundredths
* Add/subtract fractions- denominators that are multiples of the same number
* Multiply proper fractions and mixed numbers by whole numbers with support
* Read and write decimal numbers as fractions
* Round decimals with 2 decimals places to whole number& one decimal place
* Read, write, order and compare numbers with up to 3 decimal places
* Recognise % symbol & explain as a fraction with denominator 100
* Understand and use common approximate conversions between metric and imperial measurements
* Measure and calculate the perimeter of composite rectilinear shapes
* Calculate the area of rectangles, and estimate the area of irregular shapes
* Use the properties of rectangles to find missing lengths and angles
* Distinguish between regular and irregular polygons
* Identify 3-d shapes from 2-d representations
* Know angles are measured in degrees and compare acute, obtuse and reflex
* Draw and measure angles to the nearest degree
* Identify angles at a point, in a turn and on a straight line
* Describe and represent the result of a reflection or translation
* Complete, read and interpret information in tables, including timetables

