

## Year 5 Maths Objectives

1	To read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit; including counting forwards and backwards in steps of powers of 10.
2	To use and interpret negative numbers in context, and calculate intervals across zero.
3	To add and subtract whole numbers with more than 4 digits.
4	To multiply number up to 4 digits by a one or two digit number using a formal written method (including long multiplication)
5	To solve problems involving multiplication and division including using knowledge of factors, multiples, squares and cubes.
6	To compare and order fractions, including mixed numbers and improper fractions with denominators that are all multiples of the same number.
7	To solve problems involving numbers with up to 3 decimal places including ordering and comparing these numbers.
8	To use all four operations to solve problems involving measure and scaling (length, mass, volume, money).
9	To convert between different units of measurement (kilometre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre).
10	To calculate and compare the areas of rectangles, including standard units of cm and m, and estimate the area of irregular shapes.
11	To know angles are measured in degrees and estimate, compare, draw and measure acute, obtuse and reflex angles.
12	To identify angles at a point and one whole turn, on a straight line and half a turn
13	To identify, describe and represent coordinates in a quadrant.
14	To complete, read and interpret information in tables, including timetables.