

## Mathematics

## Year 3 Key Objectives

1	Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number.
2	Compare and order numbers up to 1000
3	Add and subtract numbers mentally, including: HTU+U, HTU+T and HTU+H
4	Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction
5	Estimate the answer to a calculation and use inverse operations to check answers
6	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables
7	Count up and down in tenths;
8	Recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10
9	Compare and order unit fractions, and fractions with the same denominators
10	Recognise and show, using diagrams, equivalent fractions with small denominators
11	Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators
12	Add and subtract fractions with the same denominator within one whole [for example, $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$ ]
13	Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
14	Measure the perimeter of simple 2-D shapes
15	Add and subtract amounts of money to give change, using both £ and p in practical contexts
16	Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks
17	Estimate and read time with increasing accuracy to the nearest minute
18	Identify horizontal and vertical lines and pairs of perpendicular and parallel lines
19	Identify whether angles are greater or less than a right angle
20	Interpret and present data using bar charts, pictograms and tables