



## Year Three Key Objectives in Numeracy

<b>Number:</b>
Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number.
Recognise the place value of each digit in a three-digit number
Compare and order numbers up to 1000
Identify, represent and estimate numbers using different representations
Read and write numbers up to 1000 in numerals and in words
Add and subtract numbers mentally, including: HTU+U, HTU+T and HTU+H
Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction
Estimate the answer to a calculation and use inverse operations to check answers
Solve problems, including missing number problems, using number facts, place value and more complex addition and subtraction
Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables
Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers and one-digit numbers, using mental and progressing to formal written methods
Count up and down in tenths
Recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10
Compare and order unit fractions, and fractions with the same denominators
Recognise and show, using diagrams, equivalent fractions with small denominators
Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators
Add and subtract fractions with the same denominator within one whole [for example, $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$ ]
Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
<b>Shape, Space and Measure:</b>
Measure the perimeter of simple 2-D shapes
Add and subtract amounts of money to give change, using both £ and p in practical contexts
Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks
Estimate and read time with increasing accuracy to the nearest minute
Know the number of seconds in a minute and the number of days in each month. Year and leap year
Compare duration of events
Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them
Identify horizontal and vertical lines and pairs of perpendicular and parallel lines
Identify whether angles are greater or less than a right angle
Interpret and present data using bar charts, pictograms and tables

Solve one-step and two-step questions using information presented in scaled bar charts and pictograms and tables