Maths Assessment – Year 3

Terms to be looked at cumulatively for judgements (Autumn Term look at Autumn term only, Spring term look at Autumn and Spring terms etc) Pupils who are judged as 'working at expected standard' will have demonstrated a secure understanding in the majority of objectives for the term.

Autumn Term

Number and Place Value

- find 10 or 100 more or less than a given number
- recognise the place value of each digit in a three-digit number (hundreds, tens, ones)
- read and write numbers to at least 1000 in numerals and in words
- compare and order numbers up to 1000
- identify, represent and estimate numbers using different representations
- solve number problems and practical problems involving these ideas.
- count from 0 in multiples of 50 and 100

Addition and Subtraction

- add and subtract numbers mentally, including:
  - a three-digit number and ones
  - a three-digit number and tens
  - a three-digit number and hundreds
- 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

Measures

- add and subtract amounts of money to give change, using both £ and p in practical contexts

Statistics

- interpret and present data using bar charts, pictograms and tables
- solve one-step and two-step questions [e.g. 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables.

Spring Term

Multiplication and Division

- count from 0 in multiples of 4
- recall and use multiplication and division facts for the 3 and 4 multiplication tables
- write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods
- solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects.
- recall and use multiplication and division facts for the 8 multiplication tables

Fractions

- recognise, find and write fractions of a discrete set of objects: unit fractions ~~and non-unit fractions~~ with small denominators
- recognise and use fractions as numbers: unit fractions ~~and non-unit fractions~~ with small denominators
- compare and order unit fractions, and fractions with the same denominators
- recognise and show, using diagrams, equivalent fractions with small denominators
- solve problems that involve all of the above.

Measures

- 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; record and compare time in terms of seconds, minutes, hours and o'clock; use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight
- know the number of seconds in a minute and the number of days in each month, year and leap year
- compare durations of events, [for example to calculate the time taken by particular events or tasks].
- **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; record and compare time in terms of seconds, minutes, hours and o'clock; use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight
- know the number of seconds in a minute and the number of days in each month, year and leap year

compare durations of events, [for example to calculate the time taken by particular events or tasks].

Summer Term

Measures

- measure, compare, add and subtract: mass (kg/g).
- measure, compare,add and subtract: volume/capacity (l/ml)
- measure, compare, add and subtract: lengths (m/cm/mm).
- measure the perimeter of simple 2-D shapes

Fractions

- 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
- recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators
- recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators
- recognise and show, using diagrams, equivalent fractions with small denominators
- add and subtract fractions with the same denominator within one whole (e.g. $^5/_7 + {}^1/_7 = {}^6/_7$)
- solve problems that involve all of the above

Geometry

- recognise that angles are a property of shape or a description of a turn
- identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn
- identify whether angles are greater than or less than a right angle
- identify horizontal and vertical lines and pairs of perpendicular and parallel lines
- draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations; and describe them

Multiplication and Division

- write and calculate mathematical statements for division, using mental and progressing to formal written methods
- Solve problems, including missing number problems, involving multiplication and division.

**Revised and aligned to fit the 2026 – 2027 curriculum