Year 3 Maths Progression

Place Value

- I can solve number problems and practical problems using these ideas.
- I can recognise the place value of each digit in 3-digit numbers and compare and order numbers up to 1000.
- I can read and write numbers up to 1000 in numerals and words.
- I can identify, represent and estimate numbers.
- I can count from 0 in multiples of 4, 8, 50 and 100 and find 10 or 100 more or less than a given number.

Addition and Subtraction

- I can solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.
- I can add and subtract numbers with up to 3-digits, using formal written methods of columnar addition and subtraction.
- I can add and subtract numbers mentally, including 3-digit numbers and:
  - Ones
  - Tens
  - Hundreds
- I can estimate the answer to a calculation and use inverse operations to check answers.

Multiplication and Division

- I can solve problems, including multiplication and division
- I can write and calculate mathematical statements for multiplication and division using the multiplications tables I know, including for 2-digit numbers times 1-digit numbers using mental and formal written methods.
- I can recall and use multiplication and division facts for the 3,4 and 8 multiplication tables.

Fractions

- I can compare, order and add and subtract unit fractions, and fractions with the same denominators.
- I can recognise and show, using diagrams, equivalent fractions with small denominators.
- I can recognise and use fractions as numbers.
- I can recognise, find and write fractions of a discrete set of objects.
- I can count up and down in tenths and can recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10.

Measurement

- I can compare and calculate durations of events.
- I can estimate and read the time to the nearest minute; record and compare time and use specific vocabulary.
- I can tell and write the time from an analogue clock.
- I can add and subtract amounts of money to give change, using both £ and p in practical contexts.
- I can measure, compare, add and subtract lengths (m/cm/mm); mass (kg/g); volume capacity (l/ml).

Statistics

- I can solve one-step and two-step questions using information presented in bar charts, pictograms and tables.
- I can interpret and present data using bar charts, pictograms and tables.

Geometry

- I can identify horizontal and vertical lines and pairs of perpendicular and parallel lines.
- I can recognise angles as a property of shape or description of a turn and identify right angles
- I can make 3.D shapes using modelling materials; recognise 3.D shapes in different orientations and describe them.
- I can draw 2.D shapes.
- I can measure the perimeter of simple 2.D shapes.