

Mathematics in Year 3

By the end of the year it is expected that children will be able to:

Place Value

- ✓ count in multiples of 4, 8, 50 and 100.
- ✓ recognise the place value of each digit in a 3 digit number.
- ✓ read and write numbers up to 1000 using digits and words.
- ✓ compare and order numbers up to 1000.

Calculations

- ✓ add and subtract numbers mentally including 3 digit numbers.
- ✓ add and subtract numbers including 3 digit numbers using the standard column method.
- ✓ estimate answers to a question and use the inverse to check answers.
- ✓ recall multiplication and division facts for 3, 4 and 8 times tables.
- ✓ solve multiplication and division problems with 2 digit numbers.

Statistics

- ✓ draw and understand data using bar charts, pictograms and tables.
- ✓ answer one and two step questions using information from bar charts, pictograms and tables.

Measurement

- ✓ solve simple problems involving adding and subtracting simple units of measurement such as length and weight.
- ✓ measure the perimeter of simple 2-D shapes.
- ✓ add and subtract money to give change, using both £ and p.
- ✓ tell the time to the nearest minute using an analogue clock.
- ✓ understand and use vocabulary of time such as o'clock, a.m., p.m., morning, afternoon, noon and midnight as well as hours, minutes and seconds.
- ✓ Know the number of seconds in a minute and the number of days in each month, year and leap year.

Fractions

- ✓ understand and use tenths and count forward and back using them.
- ✓ find fractions of simple amounts.
- ✓ recognise and show equivalent fractions with small denominators.
- ✓ add and subtract fractions less than 1 e.g $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$
- ✓ compare and order simple fractions.

Geometry

- ✓ draw 2-D shapes and make 3-D shapes using modelling materials.
- ✓ understand angles are part of a turn.
- ✓ Recognise right angles and those angles that are greater or less than a right angle.
- ✓ understand that 2 right angles make half a turn and 4 a complete turn.
- ✓ identify horizontal, vertical, parallel and perpendicular lines.