



A Year 3 Mathematician at Crabtree Junior School – main objectives.

Number

I can compare and order numbers to 1000 and read and write numbers to 1000 in numerals and words.

I can count from 0 in multiples of 4, 8, 50 and 100.

I can recognise the value of each digit in a 3-digit number.

I understand and can count in tenths, and find the fractional value of a given set.

I can add and subtract fractions with a common denominator.

I can derive and recall multiplication facts for 3, 4 and 8x tables.

I can add and subtract mentally combinations of 1-digit and 2-digit numbers.

I can add and subtract numbers with up to 3-digits using formal written methods.

I can write and calculate mathematical statements for multiplication and division using the 2x, 3x, 4x, 5x, 8x and 10x tables.

I can calculate 2-digit x 1-digit.

I can solve number problems using one and two step problems.

Measurement and geometry

I can identify right angles and can compare other angles stating whether they are greater or smaller than a right angle.

I can identify horizontal and vertical lines and pairs of perpendicular and parallel lines.

I can tell the time to the nearest minute and use specific vocabulary, including seconds, am & pm.

I can measure, compare, add and subtract using common metric measures.

I can solve one and two step problems using information presented in scaled bar charts, pictograms and tables.

Enrichment Objectives

I can recognise the value of each digit in a 4-digit number and the value of a tenth.

I know all multiplication facts up to 10 x 10 and can instantaneously answer questions such as, how many 7s in 42?

I can add and subtract numbers with any number of digits using formal written methods.

I am beginning to have an understanding about negative numbers recognising they are smaller than zero.

I can multiply and divide any 2-digit number by a single digit number and have an understanding of 'remainder'.

I can find fractional values (from $\frac{1}{2}$ to $\frac{1}{10}$) of amounts up to 1000.

I can use my knowledge of number to solve problems related to money, time and measures.

I know that the total internal angles of a triangle measure 180° and can measure each angle

I can use my knowledge of time to help me solve problems related to timetables.

I can measure, compare, add and subtract when solving more complex problems using common metric measures set out in gms; kl, litres; km and metres, etc.