

A Year 4 Mathematician at Crabtree Junior School – main objectives

Number

I can recall all multiplication facts to 12×12 .

I can round any number to the nearest 10, 100 or 1000 and decimals with one decimal place to the nearest whole number.

I can count backwards through zero to include negative numbers.

I can compare numbers with the same number of decimal places up to 2-decimal places.

I can recognise and write decimal equivalents of any number of tenths or hundredths.

I can add and subtract with up to 4-decimal places using formal written methods of columnar addition and subtraction.

I can divide a 1 or 2-digit number by 10 or 100 identifying the value of the digits in the answer as units, tenths and hundredths.

I can multiply 2-digit and 3-digit numbers by a 1-digit number using formal written layout.

I can solve two step addition and subtraction problems in context.

I can solve problems involving multiplication.

Measurement and geometry

I can compare and classify geometrical shapes, including quadrilaterals and triangles, based on their properties and sizes.

I know that angles are measured in degrees and can identify acute and obtuse angles.

I can compare and order angles up to two right angles by size.

I can measure and calculate the perimeter of a rectilinear figure in cm and m.

I can read, write and convert between analogue and digital 12 and 24 hour times.

I can interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.

Enrichment Objectives

I can use tenths, hundredths and thousandths when comparing values and solving addition and subtraction problems.

I can round any number to 100,000 to the nearest 10, 100, 1,000 or 10,000.

I can relate tenths and hundredths to fractional values.

I can rapidly find the answer when multiplying and dividing a whole or decimal number by 10.

I can solve multi-step problems involving more than one of the operations.

I can work out simple percentage values of whole numbers, for example, as met in on-going learning in science, history and geography

I can compare and add fractions whose denominators are all multiples of the same number.

I can use a 24-hour timetable to find out times for journeys between various places.

I can use my knowledge of perimeter to work out the perimeter of large areas around school, using metres and centimetres.

I can collect my own data on a given project and present information in graphical formats of my choosing.

