Year 4 Maths Progression

Place Value

I can solve number and practical problems that involve all of the above and with increasingly large numbers.

I can order and compare numbers beyond 1000 and can round any number to the nearest, 10, 100 or 1000.

I can find 1000 more or less than a number and can recognise place values of digits from 4-digit numbers.

I can read Roman numerals to 100 and know that the system changed to include place value and 0.

I can count in multiples of 6,7,9,25 &1000 and can count backwards through 0 to negative numbers.

Addition and Subtraction

I can solve addition and subtraction in 2-step problems, deciding which methods to use and why.

I can add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction.

I can estimate and use inverse operations to check answers to a calculation.

Multiplication and Division

I can solve problems involving multiplying and adding, including the distributive law, integer scaling problems and harder correspondence problems.

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

I can recognise and use factor pairs in mental calculations.

I can use place value and facts to multiply and divide mentally.

I can recall multiplication and division facts and tables up to 12 × 12.

Fractions & Decimals

I can find the effect of dividing 1- or 2-digit numbers by 10 and 100 and can identify the value of the digits.

I can round decimals with 1 decimal place to the nearest whole number and can compare numbers with decimal places.

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

I can add and subtract fractions with the same denominator and solve problems involving harder fractions to calculate and divide quantities.

I can recognise and show, using diagrams, families of common equivalent fractions.

I can count up and down in hundredths and recognise how they arise.

Measurement

I can measure and calculate perimeters of rectilinear figures in cm and m and find the area of these shapes by counting squares.

I can read, write and convert time between digital and analogue clocks and solve time-related problems.

I can estimate, compare and calculate different measures, including money.

I can convert between different units of measure and estimate, compare and calculate them.

Statistics

I can solve comparison, sum and difference problems using information presented in different graphs.

I can interpret and present data using appropriate methods including bar charts and time graphs.

Geometry

I can describe positions on a 2-D grid as coordinates, describe movements of translations and plot specified points and draw sides to complete a polygon.

I can complete a simple symmetric figure.

I can identify acute and obtuse angles and compare and order angles by size.

I can identify lines of symmetry in 2-D shapes.

I can compare and classify geometric shapes, based on their properties and sizes.