Ready to Progress: Year 3

Number and Place Value

I can count from 0 in multiples of 4, 8, 50 and 100.
I can find 10 or 100 more than or less than a number.
I can recognise the place value of each digit in a three-digit number. I understand hundreds, tens and ones.
I can compare and order numbers up to 1000.
I can identify, represent and estimate numbers in different ways.
I can read and write numbers up to 1000 in numbers and in words.
I can use the maths I know to solve number and practical problems.

Addition and Subtraction

I can add and subtract numbers in my head, including: • a three-digit number and ones; • a three-digit number and tens; • a three-digit number and hundreds.
I can add and subtract numbers with up to three digits, using formal column written methods.
I can estimate the answer to a calculation and use inverse (opposite) to check my answers.
I can solve problems, including missing number facts, place value and more complex addition and subtraction problems.

Multiplication and Division

I can recall and use the 3, 4 and 8 times tables to multiply and divide.
I can write and calculate number sentences for multiplication and division using the times tables I know, including two-digit numbers times one-digit numbers; I can do this in my head and I am moving to formal written methods.
I can use the maths I know to solve multiplication and division problems, including missing number facts, positive integer scaling problems and correspondence problems; for example, if two sweets cost 30p, then four must cost 60p.

Fractions

I can count up and down in tenths and know that tenths link to dividing by ten or ten equal parts.
I can recognise, find and write fractions of objects with small denominators, such as finding $\frac{3}{5}$ or $\frac{3}{4}$ of a set of farm animals.
I can recognise and write fractions as numbers with small denominators, such as finding $\frac{3}{4}$ of 20.
I can recognise and show that some fractions with small denominators are the same, such as $\frac{3}{6}$ and $\frac{2}{4}$, using diagrams to help me.
I can add and subtract fractions with the same denominator within one whole, such as $\frac{1}{4} + \frac{2}{4} = \frac{3}{4}$.
I can compare and order unit fractions, and fractions with the same denominators.
I can use the maths I know to solve problems with fractions.

Measurement

I can measure, compare, add and subtract lengths, measuring in m/cm/mm.
I can measure, compare, add and subtract mass, measuring in kg/g.
I can measure, compare, add and subtract volume or capacity, measuring in l/ml.
I can measure the perimeter of simple 2D shapes.
I can add and subtract amounts of money in £ and p to find a total and give change in practical situations or problems.
I can tell and write the time from an analogue clock, including Roman numerals from I to XII, using both 12-hour and 24-hour clocks.
I can show that I can read, estimate and compare time to the nearest minute, including recording and comparing time in terms of seconds, minutes and hours; I can use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight.
I can show I know the number of seconds in a minute and the number of days in each month, year and leap year.
I can compare how long events last, such as calculating the time taken by particular events or tasks.

Geometry

I can draw 2D shapes and make them using modelling materials.
I can make 3D shapes using modelling materials; I can recognise, sort and describe 3D shapes, even when they have been turned or are shown in a different way up.
I can recognise angles as a property of shapes or as a way to measure how far something has turned.
I can identify right angles and use them to make turns; I know that one right angle makes a quarter turn, two make a half turn, three make a three-quarter turn and four make a full turn or rotation.
I can identify if angles are greater than or less than a right angle.
I can identify horizontal, vertical and pairs of parallel and perpendicular lines in shapes.

Statistics

I can draw bar charts, pictograms and tables.
I can read and answer questions about bar charts, pictograms and tables.
I can solve one-step and two-step problems using information presented in bar charts, pictograms and tables, such as ‘How many more…’ or ‘How many fewer…’.