Ready to Progress: Year 2

Number and Place Value

I can count forwards and backwards from 0 in steps of 2, 3 and 5.
I can count forwards and backwards in tens from any number.
I can recognise the place value of each digit in a two-digit number (I understand tens and ones).
I can identify, show and estimate numbers in different ways, including using a number line.
I can compare and order numbers from 0 up to 100 and I know how to use the <, > and = signs.
I can read and write numbers up to at least 100 in numbers and words.
I can use number facts and place value to solve problems.

Addition and Subtraction

I can solve problems with addition and subtraction involving numbers, amounts and measures by using objects and pictures.
I can solve problems with addition and subtraction by using my increasing knowledge of mental and written methods.
I can solve problems with addition and subtraction by using facts up to 20 fluently and using related facts up to 100.
I can solve problems with addition and subtraction by adding and subtracting numbers using pictures, objects and in my head, including: • a two-digit number and ones; • a two-digit number and tens; • two two-digit numbers; • adding three one-digit numbers.
I can show that adding two numbers can be done in any order (commutative) but taking away one number from another cannot.
I can recognise and use the inverse (opposite) of addition and subtraction to check calculations and solve missing number problems.

Multiplication and Division

I can use multiplication and division facts for the 2, 5 and 10 times tables.
I can recognise odd and even numbers.
I can write and answer multiplication and division number sentences within the multiplication tables I have learnt using the multiplication (×), division (÷) and equals (=) signs.
I can show that multiplying two numbers can be done in any order (commutative) but dividing one number by another cannot.
I can solve problems for multiplication and division using resources, arrays, repeated addition, known number facts and by working it out in my head.

Fractions

I can recognise, find, name and write fractions ⅓, ¼, ²/₄, ¾ and can apply this knowledge to lengths, shapes, sets of objects or amounts.
I can write simple fractions, such as ½ of 6 = 3 and can recognise that ²/₄ is equivalent to ½.

Measurement

I can measure length and height (m/cm); mass (kg/g); temperature (°C) and capacity (l/ml) using the correct measuring instruments to the nearest suitable standard unit.
I can compare, order and record measurements using the <, > and = symbols.
I can recognise and use the symbols for pounds (£) and pence (p); I can combine amounts to make a particular value.
I can find different combinations of coins that equal the same amounts of money.
I can solve practical money problems involving addition and subtraction, including giving change.
I can compare and put intervals of time in order.
I can tell and write the time to 5-minute intervals and draw the hands on a clock face to show these times; I can tell and write the time to quarter past or quarter to.
I can tell you how many minutes there are in an hour and how many hours there are in a day.

Geometry

I can name and describe 2D shapes and know how many sides and lines of symmetry they have.
I can name and describe 3D shapes and know the number of edges, vertices and faces they have.
I can find 2D shapes on the surface of 3D shapes, such as a circle on a cylinder.
I can compare and sort common 2D and 3D shapes and everyday objects.
I can order and arrange mathematical objects to form patterns and sequences.
I can use mathematical vocabulary to describe position, direction and movement, including in straight lines. I understand rotations are turns of right-angles in quarters and halves and in clockwise and anticlockwise directions.

Statistic

I can understand, interpret data from, and draw simple pictograms, tally charts, block diagrams and tables.
I can ask and answer simple questions by counting the number of objects in each category and by sorting the categories by quantity.
I can ask and answer questions about data by adding totals and by comparing amounts.