



Year 2 Curriculum: Educating for Wisdom, Knowledge and Skills

A Year 2 Mathematician at Dawpool Number and place value

- I can count in steps of 2, 3 and 5 from 0, and in tens from any number, forward and backward.
- I can read and write numbers to at least 100 in numerals and in words.
- I can compare and order numbers from 0 up to 100; using $<$ $>$ $=$ signs.
- I recognise the place value of each digit in a 2-digit number.
- I can identify, represent and estimate numbers using different representations,

including the number line.

- I can use place value and number facts to solve problems.

Calculations

- I can recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.

- I can add and subtract mentally, including:
 - A 2-digit number and ones
 - A 2-digit number and tens
 - Two 2-digit numbers
 - Adding three 1-digit numbers
- I can add and subtract numbers using concrete objects and pictorial

representations, including:

- A 2-digit number and ones
- A 2-digit number and tens
- Two 2-digit numbers
- Adding three 1-digit numbers
- I recognise and use the inverse relationship between addition and subtraction

and use this to check calculations and missing number problems.

- I can solve problems with addition and subtraction using concrete objects and pictorial representations, including those involving numbers, quantities and

measures.

- I can solve problems with addition and subtraction applying my increasing

knowledge of mental and written methods.

- I can recall and use multiplication and division facts for the 2, 5 and 10x tables,

including recognising odd and even numbers.

- I can calculate mathematical statements for multiplication and division within

the multiplication tables and write them using the multiplication, division and

equals signs.

- I can solve problems involving multiplication and division, using materials,

arrays, repeated addition, mental methods, and multiplication and division

facts, including problems in context.

- I can show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot.
- I can show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot.

Fractions

- I recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity.
- I can write simple fractions.
- I recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$.

Measurement

- I can compare and order lengths, mass, volume/capacity and record the results using $>$ $<$ and $=$.
- I can choose and use standard units to estimate and measure length/height in any direction in m and cm using rulers.

- I can choose and use standard units to estimate and measure mass in kg and g using scales.
- I can choose and use standard units to estimate and measure temperature in °C using thermometers.
- I can choose and use standard units to estimate and measure capacity in l and ml using measuring vessels.
- I recognise and use symbols for £ and p and combine amounts to make a particular value.
- I can find different combinations of coins that equal the same amount of money.
- I can tell and write the time to five minutes, including quarter to/past and draw

the hands on a clock face to show these times.

- I can compare and sequence intervals of time.
- I know the number of minutes in an hour.
- I know the number of hours in a day.
- I can solve simple problems in a practical context involving addition and

subtraction of money of the same units, including giving change.

Geometry – properties of shapes

- I can compare and sort common 2D shapes and everyday objects.
- I can compare and sort common 3D shapes and everyday objects.
- I can identify and describe the properties of 2D shapes, including the number

of sides and line of symmetry in a vertical line.

- I can identify and describe the properties of 3D shapes including the number of

edges, vertices and faces.

- I can identify 2D shapes on the surface of 3D shapes.
- Geometry – position and direction
- I can order and arrange combinations of mathematical objects in patterns and

sequences.

- I can use mathematical vocabulary to describe position, direction and movement.

Statistics

- I can interpret and construct simple pictograms.
- I can interpret and construct tally charts.
- I can interpret and construct block diagrams.
- I can interpret and construct simple tables.
- I can ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity.
- I can ask and answer questions about totalling and comparing categorical data. **Greater Depth in Mathematics**
- I can count reliably up to 1000 in 2s, 5s and 10s.
- I can count on and back in multiples of 4, 8, 25, 50 and 100 from any given

number to beyond 1000.

- I can add and subtract fractions with a common denominator.
- I can apply knowledge of number up to 100 to solve a one-step problem

involving a addition, subtraction and simple multiplication and division.

- I can apply knowledge of addition and subtraction to pay for items, up to £10,

within a problem solving context.

- I can add and subtract two 2-digit and numbers to 100.
- I can use an appropriate strategy to add and subtract numbers that move

between and through 100, for example, $97 + 7$; $103 - 8$.

- I know about right angles and where they can be seen in the environment.
- I can tell the time to 5 minute intervals with both analogue and digital clocks

and relate one to the other.

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