Year 2 Maths Objectives

Number and Place Value

Place Value

- I can count forwards and backwards in steps of 2, 3, 5 and 10 from any given number
- I can recognise the place value of each digit in a two-digit number e.g. 36 = 3 tens and 6 ones.
- I can compare and order numbers from 0 to 100 and use □, □ and = signs
- I can read and write numbers to 100 in numerals and words
- I can recognise odd and even numbers
- I can use place value and number facts to solve problems.

Addition and Subtraction

- I can recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100 e.g. if 8 + 7 = 15, I know 18 + 7 = 10 more, 28 + 7 = 20 more, 58 + 7 = 50 more etc…
- I can add and subtract two-digit numbers and ones e.g. 38 + 4 = ? 83 – 7 = ?
- I can add and subtract two-digit numbers and tens e.g. 27 + 10 = ? 98 – 30 = ?
- I can add and subtract two two-digit numbers e.g. 15 + 36 = ? 51 – 15 = ?
- I can add three one-digit numbers
- I can recognise and use the inverse relationship between addition and subtraction e.g. 12 + 16 = 28, 16 + 12 = 28, 28 – 12 = 16, 28 – 16 = 12 (sometimes referred to as fact families)
- I can show that addition of two numbers can be done in any order - commutative (subtraction cannot)

Multiplication and Division

- I can recall, at speed, and use multiplication and division facts for the 2, 5 and 10 times tables
- I can write multiplication and division facts using the x, ÷ and = signs
- I can show that multiplication of two numbers can be done in any order
- I can solve problems involving multiplication and division using materials, arrays, repeated addition, mental methods and in a range of contexts

Fractions

- I can write simple fractions for example, ½ of 6 = 3 and recognise the equivalence of 2/4 and ½.
- I can recognise, find, name and write fractions 1/3, ¼, 2/4 and ¾ of a length, shape, set of objects or quantity

Geometry and Measures

Measures

- I can choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels
- I can compare and order lengths, mass, volume/capacity
- I can recognise and use symbols for pound (£) and pence (p) combine amounts to make a particular value
- I can find different combinations of coins that equal the same amounts of money
- I can tell and write time to 5 minutes, including ½ past, ¼ past/to the hour and draw hands on a clock
- I know the number of minutes in an hour and the number of hours in a day
- I can compare and sequence intervals of time
- I can solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change

Geometry – Properties of Shapes

- I can identify and describe the properties of 2-D shapes, including number of sides and line symmetry in a vertical line
- I can identify and describe the properties of 3-D shapes, including number of edges, vertices and faces
- I can identify 2-D shapes on the surface of 3-D shapes (for example, a circle on a cylinder and a triangle on a pyramid)
- I can compare and sort common 2-D and 3-D shapes and everyday objects

Geometry – Position and Movement

- I can order and arrange combinations of mathematical objects in patterns and sequences
- I can use mathematical vocabulary to describe position, direction and movement, including movement in a straight line

Statistics

- I can interpret and construct simple pictograms and tally charts
- 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