Year 2 Maths Long Term Plan 2024 - 2025

Autumn Term

Maths Meetings: Year 2 Mastering Number Weeks 1 - 13

Number: Place Value

- Count in steps of 2, 3 and 5 from 0, and in tens from any number, forward and backward
- Recognise the place value of each digit in a two-digit number (tens, ones)
- Identify, represent and estimate numbers using different representations, including the number line
- Compare and order numbers from 0 up to 100; use <, > and = signs
- Read and write numbers to at least 100 in numerals and in words.
- Use place value and number facts to solve problems.

Addition and Subtraction

- solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures applying their increasing knowledge of mental and written methods
- recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100
- add and subtract numbers using concrete objects, pictorial representations, and mentally, including:
- a two-digit number and 1s
- add 3 1-digit numbers
- a two-digit number and tens
- two two-digit numbers (not crossing boundaries)
- adding three one-digit numbers

Multiplication and Division

- recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers
- calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs
- solve problems involving multiplication and division, using materials, arrays, repeated addition,

Spring Term

Maths Meetings: Year 2 Mastering Number Weeks 14 - 24

Multiplication and Division

- Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers
- Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward
- Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward - **use scales, money, measure.**

Money

- recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value
- find different combinations of coins that equal the same amounts of money

solve simple problems in a practical context involving addition and subtraction of

Fractions

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

Time

- Compare and sequence intervals of time
- Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times

Statistics

- Interpret and construct simple pictograms, tally charts, block diagrams and simple tables
- Ask and answer simple questions by counting the number of objects in each category

• Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts. • Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs.	money of the same unit, including giving change		• Know the number of minutes in an hour and the number of hours in a day.	and sorting the categories by quantity Ask and answer questions about totalling and comparing categorical data
Summer Term				
Maths Meetings: Year 2 Mastering Number Weeks 25 – 31 Remaining Weeks: Start 2x/5x Multiplication Programme				
Geometry • Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line • Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces • Identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid] • Compare and sort common 2-D and 3-D shapes and everyday objects.	**Addition and Subtraction** • Add 2-digit to 1 digit crossing boundaries • Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures applying their increasing knowledge of mental and written methods a two-digit number and tens, two two-digit numbers, adding three one-digit numbers • Show that addition of two numbers can be	**Measurement** • 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 • Compare and order lengths, mass, volume/capacity and record the results using >, < and =	**Calculation Retrieval and Problem Solving** (See Addition and Subtraction/ Multiplication and Division objectives)	**Position and Direction** • Order and arrange combinations of mathematical objects in patterns and sequences Use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and

	done in any order (commutative) and subtraction of one number from another cannot. • Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems			three-quarter turns (clockwise and anti-clockwise).