Year 2- Maths Objectives for Coverage

Place Value: Counting	Count in steps of 2, 3 and 5 from 0 and in tens from any number, forward or backward
Place Value: Represent	Read and Write numbers to at least 100 in numerals and in words
	Identify, represent and estimate numbers using different representations, including the number line
Place Value: Use and compare	Recognise the place of each digit in a two-digit number (tens, ones)
	Compare and order numbers from 0 up to 100; use <, > and = signs
Place Value: Problems and Rounding	Use place value and number facts to solve problems
Addition and Subtraction: Recall, Represent, Use	Recall and use addition and subtraction facts to 20 fluently and derive and use related facts to 100
	Show that addition of two numbers can be 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 and solve missing number problems
Addition and Subtraction: Calculation	Add and subtract numbers using concrete objects, pictorial representations and mentally, including: • A two-digit number and ones • A two-digit number and tens • Two-digit numbers • Adding three one-digit numbers
Addition and Subtraction: Solve Problems	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
Multiplication and Division: Recall, Represent, Use	Recall and use multiplication and division facts for 2, 5 and 10 X tables, including recognising odd and even numbers
	Show that multiplication of two digit numbers can be done in any order and division of one number by another cannot
Multiplication and Division: Calculations	Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication, division and equals signs
Multiplication and Division: Solve Problems	Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in contexts
Fractions: Recognise and Write	Recognise, find, name and write fractions 1/3, 1/4, 2/4, and 3/4 of a length, shape, set of objects or quantity
Fractions: Compare	Recognise the equivalence of 2/4 and 1/2
Fractions: Calculations	Write simple fractions. For example, 1/2 of 6 = 3
Measurement: Using Measures	Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g) temperature (degrees); 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 =
Measurement: Money	Recognise and use the symbols for pounds (£) and pence (p); combine amounts to make particular values
	Find different combinations of coins that equal the same amounts of money
	Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change

Measurement: 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
	Know the number of minutes in an hour and the number of hours in a day
Geometry: 2-D Shapes	Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line
	Identify 2-D shapes on the surface of 3-D shapes (e.g. a circle on a cylinder)
	Compare and sort common 2-D shapes and everyday objects
Geometry: 3-D Shapes	Recognise and name common 3-D shapes (e.g. cuboids, pyramids and spheres)
	Compare and sort common 3-D shapes and everyday objects
Geometry: 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 three-quarter turns (clockwise and anti-clockwise)
Statistics: Present and Interpret	Interpret and construct simple pictograms, tally charts, block diagrams and simple tables
Statistics: Solve problems	Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity
	Ask and answer questions about totalling and comparing categorical data