Year 2 Maths Achievement Record Name:_____ Class: _____	Accumulative over the year		
At the beginning of a unit, before it is taught, elicit understanding of previous and present year's objectives. Secure learning needs a green tick if understanding of objective is not required and children can go straight on to securing and enriching understanding through problem solving and reasoning activities. Secure understanding must be shown using a black tick (except green tick to show understanding prior to first cycle of teaching).	Secure learning	Using and applying	
		Problem solving	Reasoning
Number			
Count in steps of 2, 3, and 5 from 0, and in 10s from any number, forward and backward			
Recognise the place value of each digit in a two-digit number (10s, 1s)			
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, Subtraction, Multiplication and Division			
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, a two-digit number and 10s, 2 two-digit numbers, adding 3 one-digit numbers			
Show that addition of 2 numbers can be done in any order (commutative) and subtraction of 1 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			
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			
Show that multiplication of 2 numbers can be done in any order (commutative) and division of 1 number by another cannot			
Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts			

Fractions			
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			
Write simple fractions, for example $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$			
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 =			
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 money of the same unit, including giving change			
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 – Properties of shapes			
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			
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			
Interpret and construct simple pictograms, tally charts, block diagrams and tables			
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			
Total number of secure objectives.	36	36	36