Year 4 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 multiples of 6, 7, 9, 25 and 100			
Find 1000 more or less than a given number			
Count backwards through zero to include negative numbers			
Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens and ones)			
Order and compare numbers beyond a thousand			
Identify, represent and estimate numbers using different representations			
Round any number to the nearest 10, 100 or 1000			
Solve number and practical problems that involve all of the above and with increasingly large positive numbers			
Read roman numerals to 100 (I to C) and know that over time, the numerical system changed to include the concept of zero and place value.			
Addition and Subtraction			
Add and subtracts numbers with up to 4-digits using the formal written methods using columnar addition and subtraction where appropriate			
Estimate and use inverse operation to check answers to calculations			
Solve addition and subtraction two-step problems in context, deciding which operation and methods to use and why.			
Multiplication and division			
Recall multiplication and division facts for multiplication tables up to 12 X 12			
Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers			
Recognise and use factor pairs and commutativity in mental calculations			
Multiply two-digit and three-digit numbers by a one-digit number using formal written layout			
Solve problems involving multiplying and dividing, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects.			
Fractions			
Recognise and show, using diagrams, families of common equivalent fractions			
Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten			

Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities including non-unit fractions where the answer is a whole number			
Add and subtract fractions with the same denominator			
Recognise and write decimal equivalents of any number of tenths or hundredths			
Recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$			
Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answers as ones, tenths and hundredths			
Round decimals with one decimal place to the nearest whole number			
Compare numbers with the same number of decimal places up to two decimal places			
Solve simple measure and money problems involving fractions and decimals to two decimal places.			
Measurement			
Convert between different units of measure [for example, kilometre to metre; hour to minute			
Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres			
Find the area of rectilinear shapes by counting squares			
Estimate compare and calculate different measures' including money in pounds and pence			
Read, write and convert time between analogue and digital 12- and 24-hour clocks			
Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.			
Geometry – Properties of shapes			
Compare and classify geometric shapes, including quadrilaterals and triangles based on their properties and sizes			
Identify acute and obtuse angles and compare and order angles up to two right angles by size			
Identify lines of symmetry in 2-D shapes presented in different orientations			
Complete a simple symmetric figure with respect to a specific line of symmetry			
Geometry-position and direction			
Describe position on a 2-D grid as coordinates in the first quadrant			
Describe movements between positions as translation of a given unit to the left/right and up/down			
Plot specific points and draw sides to complete a given polygon.			
Statistics			
Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs			
Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.			
Total number of secure objectives.	___ 42	___ 42	___ 42