YEAR 4 – KEY ASSESSMENT CRITERIA: MATHS

	NUMBER and FRACTIONS					
1	**I can recall all multiplication facts to 12x12 and multiples of 25 and 1000 and use them to multiply and divide mentally up to three numbers together.**					
2	**I can recognise and use factor pairs and commutativity in mental calculations.**					
3	**I can order and compare numbers beyond 1000 and find 1000 more or less than a given number.**					
4	**I can identify, represent and estimate numbers using different representations.**					
5	**I can estimate and use inverse operations to check answers to a calculation.**					
6	**I can round any number to the nearest 10, 100 or 1000 and decimals with 1 decimal place to the nearest whole number knowing the place value of each digit (thousands, hundreds, tens and ones).**					
7	**I can count backwards through zero to include negative numbers.**					
8	**I can compare numbers with the same number of decimal places up to 2 decimal places.**					
9	**I can recognise and write decimal equivalents of any number of tenths or hundredths in particular ¼, ½ and ¾.**					
10	**I can add and subtract numbers with up to 4 digits using formal written method of column addition.**					
11	**I can divide a 1 or 2 digit number by 10 or 100 identifying the value of the digits in the answer as units, tenths and hundredths.**					
12	**I can multiply 2 and 3 digit numbers by a 1 digit number using formal written layout.**					
13	**I can solve addition and subtraction 2-step problems deciding which operations to use and why.**					
14	**I can solve problems involving multiplying and adding, 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.**					
15	**I can solve number and practical problems that involve multiples, negative numbers, 4-digit numbers and rounding.**					
16	**I can solve simple measures and money problems involving fractions and decimals to 2 decimal places.**					
17	**I know Roman Numerals up to and including 100.**					
18	**I can recognise, read and write equivalent fractions.**					
19	**I can count up and down in hundredths; recognise and write decimal equivalents of any number of tenths or hundredths.**					
20	**I can add and subtract fractions with the same denominator.**					
21	**I can solve problems involving increasingly harder fractions to calculate quantities including non-unit fractions where the answer is a whole number.**					
22	**I can find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths.**					
	MEASUREMENT, GEOMETRY AND STATISTICS					
23	**I can convert between different units of measure [for example, kilometre to metre; hour to minute].**					
24	**I can solve problems involving estimating, comparing and calculating measures**					

	including money in pounds and pence.					
25	**I can measure and calculate the perimeter and area of a rectilinear figure in centimetres and metres.**					
26	**I can read, write and convert between analogue and digital, 12 and 24 hour clocks.**					
27	**I can identify lines of symmetry in 2-D shapes presented in different orientations.**					
28	**I can complete a simple symmetric figure with respect to a specific line of symmetry.**					
29	**I can compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes.**					
30	**I can compare and order angles up to 2 right angles by size and I know that angles are measured in degrees and I can identify acute and obtuse angles.**					
31	**I can describe positions on a 2-D grid as coordinates in the first quadrant.**					
32	**I can describe movements between positions as translations of a given unit to the left/right and up/down.**					
33	**I can plot specified points and draw sides to complete a given polygon.**					
34	**I can solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.**					
35	**I can interpret and present discreet and continuous data using appropriate graphical methods, including bar charts and time graphs.**					