Year 2 Maths Curriculum 2014 Name:			
Numbers and the number system			
count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward KPI			
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. Rounding.			
compare and order numbers from 0 up to 100; KPI use <, > and = signs KPI			
read and write numbers to at least 100 in numerals and in words			
use place value and number facts to solve problems. KPI			
recall of doubles and halves to 20			
Addition and subtraction			
solve problems with addition and subtraction:			
using concrete objects and pictorial representations, including those involving numbers, quantities and measures KPI			
applying their increasing knowledge of mental and written methods KPI			
recall and use addition and subtraction facts to 20 fluently, KPIand 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 ones , a two-digit number and tens , two two-digit numbers , adding three one-digit numbers			
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 calculations and solve missing number problems.			
Multiplication and division			
recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers KPI			
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 two numbers can be done in any order (commutative) and division of one 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 contextsKPI			
Fractions and decimals			
recognise, find, name and write fractions 1/3, ¼, 2/4 and ¾ of a length, shape, set of objects or quantity KPI			
write simple fractions for example, ½ of 6 = 3 and recognise the equivalence of 2/4 and 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 KPI			
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			
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. KPI			
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 lineand distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise)KPI			
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 and sorting the categories by quantity			
ask and answer questions about totalling and comparing categorical data.KPI			