YEAR 2 – NON-NEGOTIABLE EXPECTATIONS: MATHS – 2016/17

	NUMBER					
1	I can read and write numbers to at least 100 in numerals and words.					
2	I can recall and use addition and subtraction to 20 fluently, and derive and use related facts to 100.					
3	I can count forwards and backwards in steps of 2, 3 and 5, from zero.					
4	I can recognise place value of each digit in 2 digit numbers.					
5	I can compare and order numbers from 0 to 100 using < > and = sign.					
6	I can identify, represent and estimate numbers using different representations eg. number line.					
7	I can name the fractions 1/3 , ¼, ½ (recognising that 2/4 is equivalent) and ¾ of a length, shape, set of objects or quantity as well as writing them as simple fractions eg ½ of 6 = 3					
8	I can recall and use multiplication facts for the 2, 5 and 10x tables and calculate mathematical statements using multiplication (x), division (÷) and equals (=) signs.					
9	I can recall and use division facts for the 2, 5 and 10x tables, including recognising odd and even.					
10	I can add and subtract numbers using concrete objects, pictorial representations and mentally: • A two-digit number and ones • A two-digit number and tens • Two two-digit numbers including in tens • Adding three one-digit numbers					
11	I can show that addition and multiplication of two numbers can be done in any order (commutative) and subtraction and division from one number to another cannot.					
12	I can understand the inverse operation for addition/subtraction.					
13	I can solve problems with addition and subtraction using place value, number facts, concrete objects and pictorial representations.					
14	I can solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts including problems in contexts.					
	MEASUREMENT, GEOMETRY AND STATISTICS					
15	I can choose and use appropriate standard units to estimate and measure: length, height, temperature, capacity, mass.					
16	I can tell and write the time to 5 minute intervals and know the number of minutes in an hour and the number of hours in a day as well as compare and sequence intervals of time.					
17	I can recognise and use the symbols £ and p when solving problems involving addition and subtraction of money including giving change and combine amounts to make a particular value as well as find different combinations of coins that equal the same amounts of money.					
18	I can identify and describe 2-D and 3-D shapes and the following properties: • number of sides and line symmetry (2D shapes) • number of edges, vertices and faces (3D shapes) • identify 2-D shapes on the surfaces of 3-D shapes • compare and sort 2-D and 3-D shapes and everyday objects					
19	I can interpret and construct pictograms, tally charts, block diagrams and simple tables as well as ask and answer simple questions by counting and totalling the number of objects in each category and sorting the categories by quantity.					
20	I can order and arrange a combination of mathematical objects in patterns and sequences and also use mathematical vocabulary to describe position, direction and movement by: • movement in a straight line • rotation as a turn in terms of right angles for quarter, half and three quarter turns • clockwise and anti-clockwise turns.					