MATHS CRITERIA - Assessment

Name:			Academic Year						
			Rec.	Y1	Y2	Y3	Y4	Y5	Y6
Year Group Expectations									
0 – 59% - Working Towards/60 – 84% - Expected/85%+ Greater Depth									
Number & Place Value	N1	count in steps of 2, 3, and 5 from 0, and in tens from any number -forward							
	N1	count in steps of 2, 3, and 5 from 0, and in tens from any number - backward							
	N2	recognise the place value of each digit in a two-digit number (tens, ones)							
	N3	identify, represent and estimate numbers using different representations, including the number line							
	N4	compare and order numbers from 0 up to 100; use <, > and = signs							
	N5	read and write numbers to at least 100 in numerals and in words							
	N6	use place value and number facts to solve problems							
Addition & Subtraction	AS 1	solve problems with addition and subtraction using concrete objects and pictorial representations, including those involving numbers, quantities and measures							
	AS 1	solve problems with addition and subtraction, applying their increasing knowledge of mental and written methods							
	AS2	recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100							
	AS3	add and subtract numbers using concrete objects, pictorial representations, and mentally, including a two-digit number and ones							
	AS3	add and subtract numbers using concrete objects, pictorial representations, and mentally, including a two-digit number and tens							
	AS3	add and subtract numbers using concrete objects, pictorial representations, and mentally, including two two-digit numbers							
	AS3	add and subtract numbers using concrete objects, pictorial representations, and mentally, including adding three one-digit numbers							
	AS4	show that addition of two numbers can be done in any order (commutative) and							

		subtraction of one number from another cannot			
	AS5	recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems			
Multiplication & Division	MD1	recall and use multiplication facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers			
	MD1	recall and use division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers			
	MD2	calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs			
	MD3	show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot			
	MD4	solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts			
Fractions	F1	recognise, find, name and write fractions 1/3 , 1/4, 2/4 and 3/4 of a length, shape, set of objects or quantity			
	F2	write simple fractions for example, 1/2 of 6 = 3 and recognise the equivalence of 2/4 and 1/2 .			
Measurement	M1	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			
	M2	compare and order lengths, mass, volume/capacity and record the results using >, < and =			
	M3	recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value			
	M4	find different combinations of coins that equal the same amounts of money			
	M5	solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change			
	M6	compare and sequence intervals of time			

	M7	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			
	M8	know the number of minutes in an hour and the number of hours in a day			
Geometry – properties of shape	G1	identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line			
	G2	identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces			
	G3	identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid]			
	G4	compare and sort common 2-D and 3-D shapes and everyday objects			
Geometry – position and direction	G8	order and arrange combinations of mathematical objects in patterns and sequences			
	G9	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 anticlockwise)			
Statistics	S1	interpret and construct simple pictograms, tally charts, block diagrams and simple tables			
	S2	ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity			
	S3	ask and answer questions about totalling and comparing categorical data			