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&PlaceValue	N1	count from 0 in multiples of 4, 8, 50 and 100			
	N1	find 10 or 100 more or less than a given number			
	N2	recognise the place value of each digit in a 3-digit number (hundreds, tens, ones)			
	N3	compare and order numbers to 1000			
	N4	identify, represent and estimate number using different representations			
	N5	read numbers up to 1000 in numerals and words			
	N5	write numbers up to 1000 in numerals and words			
	N6	solve number problems and practical problems involving these ideas			
Addition&Subtraction	AS1	add and subtract mentally a 3 digit number and ones			
	AS1	add and subtract mentally a 3 digit number and tens			
	AS1	add and subtract mentally a 3 digit number and hundreds			
	AS2	add numbers with up to 3-digits, using formal written methods of columnar addition			
	AS2	subtract numbers with up to 3-digits, using formal written methods of columnar subtraction			
	AS3	estimate the answer to a calculation and use inverse operations to check answers			
	AS4	solve problems, including missing number problems, using number facts, place value and more complex addition and subtraction.			
Multiplicatio	MD1	recall and use multiplication facts for 3,4, 8 multiplication tables			
	MD2	write and calculate mathematical statements for multiplication using tables they know, including 2-digit x 1-digit numbers, using mental methods and progressing to formal written methods			
	MD2	write and calculate mathematical statements for division using tables they know, including 2-digit x 1-digit numbers, using mental methods and progressing to formal written methods			

n & Division	MD3	solve problems, including missing number problems, involving multiplication, including positive integer scaling			
	MD3	solve problems, including missing number problems, involving division, including integer scaling			
	MD3	solve problems, including missing number problems, involving multiplication, correspondence problems in which n objects are connected to m objects			
	MD3	solve problems, including missing number problems, involving division, including correspondence problems in which n objects are connected to m objects			
Fractions	F1	count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10			
	F2	recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators			
	F3	recognise, and use fractions as numbers: unit fractions and non-unit fractions with small denominators			
	F4	recognise and show using diagrams, equivalent fractions with small denominators			
	F5	add fractions with a common denominator e.g 1/7 + 5/7			
	F5	subtract fractions with a common denominator e.g 1/7 + 5/7			
	F6	compare and order unit fractions, and fractions with the same denominators			
	F7	solve problems involving fractions			
Measurement	M1	measure and compare lengths (m/cm/mm), mass (kg/g) and capacity (l/ml)			
	M1	add and subtract lengths (m/cm/mm), mass (kg/g) and capacity (l/ml)			
	M2	measure the perimeter of simple 2D shapes			
	M3	add and subtract amounts of money to give change, using £ and p in practical contexts			
	M4	tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks			
	M5	estimate and read time with increasing accuracy to the nearest minute			
	M5	record and compare time in terms of seconds, minutes and hours			
	M5	use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight			
	M6	know the number of seconds in a minute and the number of days in each month, year and leap year			
	M7	compare durations of events [e.g. to calculate the time taken by particular events or tasks]			

Geometry - properties of shapes	G1	draw 2D shapes, make 3D shapes using modelling materials and recognise 3D shapes in different orientations and describe them			
	G2	recognise angles as a property of a shape or a description of turn			
	G3	identify right angles, recognise that two right angles make a half turn, three make three quarters of a turn and four make a full turn			
	G3	identify whether angles are greater or less than a right angle			
	G4	identify horizontal and vertical lines			
	G4	identify pairs of perpendicular and parallel lines			
Statistics	S1	interpret and present data using bar charts, pictograms and tables			
	S2	solve one step questions using information presented in scaled bar charts, pictograms and tables			
	S2	solve two step questions using information presented in scaled bar charts, pictograms and tables			