

MATHS CRITERIA - Assessment

Name:			Academic Year					
			Rec.	Y1	Y2	Y3	Y4	Y5
Year Group Expectations								
0 - 59% - Working Towards/60 - 84% - Expected/85%+ Greater Depth								
N u m b e r & P l a c e v a l u e	N1	count in multiples of 6,7,9,25 and 100						
	N2	find 1000 more or less than a given number						
	N3	count backwards through zero to include negative numbers						
	N4	recognise the place value of each digit in a 4 digit number (thousands, hundreds, tens, ones)						
	N5	order and compare numbers beyond 1000						
	N6	identify, represent and estimate numbers using different representations						
	N7	round any number to the nearest 10, 100 or 1000						
	N8	solve number and practical problems that involve all of the above and with increasingly large positive numbers						
	N9	read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value						
A d d i t i o n a n d S u b t r a c t i o n	AS1	add numbers with 4 digits using the formal written methods of columnar addition where appropriate						
	AS1	subtract numbers with 4 digits using the formal written methods of columnar subtraction where appropriate						
	AS2	estimate and use inverse operations to check answers to a calculation						
	AS3	solve addition and subtraction two-step problems in context, deciding which operations and methods to use and why						
M u	MD1	recall all multiplication facts to 12x12						
	MD1	recall all division facts to 12 x 12						

I t i p l i c a t i o n & D i v i s i o n	MD2	use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together 3 numbers		
	MD3	recognise and use factor pairs and commutativity in mental calculations		
	MD4	multiply 2-digit numbers by a 1-digit number using formal written layout		
	MD4	multiply 3-digit numbers by a 1-digit number using formal written layout		
	MD5	divide a 1-digit number by 10 or 100 identifying the value of the digits in the answer as units, tenths and hundredths		
	MD6	divide a 2-digit number by 10 or 100 identifying the value of the digits in the answer as units, tenths and hundredths		
	MD7	solve multiplication and division two-step problems in context		
	MD8	solve problems involving multiplying and adding, including using the distributive law to multiply to digits by one digit		
	MD8	solve integer scaling problems		
	MD8	solve correspondence problems such as n objects are connected to m objects		
F r a c t i o n s (i n c l u d i n g d e c i m a l s)	FD1	recognise and show, using diagrams, families of common equivalent fractions		
	FD2	count up and down in hundredths; recognise that hundredths arise when dividing an object by 100 and dividing tenths by 10		
	FD3	solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number		
	FD4	add and subtract fractions with the same denominator		
	FD5	recognise and write decimal equivalents of any number of tenths or hundredths		
	FD6	recognise and write decimal equivalents to $\frac{1}{4}$; $\frac{1}{2}$; $\frac{3}{4}$		
	FD7	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		
	FD8	round decimals with one decimal place to the nearest whole number		
	FD9	compare numbers with the same number of decimal places up to 2 decimal places		
	FD10	solve simple measures and money problems involving decimals to 2 decimal places		
M e a s	M1	convert between different units of measure (e.g. km-m, hour-minute)		

u r e m e n t	M2	measure and calculate the perimeter of a rectilinear figure in centimetres and metres			
	M3	find the area of rectilinear shapes by counting squares			
	M4	estimate, compare and calculate different measures, including money in pounds and pence			
	M5	read, write and convert between analogue and digital 12 and 24 hour clocks			
	M6	solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days			
G e o m e t r y - p r o p e r t i e s o f s h a p e & p o s i t i o n a n d d i r e c t i o n	G1	compare and classify geometrical shapes, including quadrilaterals and triangles, based on their properties and sizes			
	G2	know that angles are measured in degrees and identify acute and obtuse angles and compare and order angles up to two right angles by size			
	G3	identify lines of symmetry in 2D shapes presented in different orientations			
	G4	complete a simple symmetric figure with respect to a specific line of symmetry			
	G5	describe positions on a 2D grid as coordinates in the 1st quadrant			
	G6	describe movements between positions as translations of a given unit to the left/right and up/down			
	G7	plot specified points and draw sides to complete a given polygon			
S t a t i s	S1	interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs			
	S2	solve comparison, sum and difference problems using information presented in			

t i c s		bar charts, pictograms, tables and other graphs			