Name		Class of	
Mathematics: Planning & Assessment Y4			
Statements	12	23	34, **including all bold KPIs**
Attainment	**Year 4 Emerging**	**Year 4 Developing**	**Year 4 Secure**
For statements to be completely embedded they should be demonstrated in a range of contexts and subject areas as possible. *Ensure you have identified and dated where children have achieved each statement in the boxes below.*			

Y4 Maths- 44 statements and 15KPIs		**Date when statement has been achieved.**		
Number & Place Value	**Count in multiples of 6,7,9, 25 and 1000**			
	Find 1000 more or less than a given number			
	Count backwards through zero to include negative numbers.			
	Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones).			
	Order and compare numbers beyond 1000.			
	Identify, represent and estimate numbers using different representations.			
Addition & Subtraction	Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate.			
	Estimate and use inverse operations to check answers to a calculation.			
	Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.			
Multiplication & Division	**Recall multiplication and division facts for multiplication tables up to 12 x 12.**			
	Use place value, known and derived facts to multiply and divide mentally, including:			
	Multiplying by 0 and 1;			
	Dividing by 1;			
	Multiplying together three numbers.			
	Recognise and use factor pairs and commutatively in mental calculations.			
Fractions (Including decimals)	**Recognise and show, using diagrams, families of common equivalent fractions.**			
	Count up and down in hundredths arise when dividing an object by one hundred and dividing tenths by ten.			
	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.			

	Add and subtract fractions with the same denominator.			
	Recognise and write decimal equivalents of any number of tenths or hundredths.			
	Recognise and write decimal equivalents to 1/4, 1/2, 3/4.			
Measurement	**Convert between different units of measure [for example, kilometre to metre; hour to minute;]**			
	Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres.			
	Find the area of rectilinear shapes by counting squares.			
	Estimate, compare and calculate different measures, including money in pounds and pence.			
	Read, write and convert time between analogue and digital 12- and 24-hour clocks.			
	Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.			
Geometry: Properties of shape	**Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes.**			
	Identify acute and obtuse angles and compare and order angles up to two right angles by size.			
	Identify lines of symmetry in 2-D shapes presented in different orientations.			
	Complete a simple symmetric figure with respect to a specific line of symmetry.			
Geometry: Position & Direction	Describe positions on a 2-D grid as coordinates in the first quadrant.			
	Describe movements between positions as translations of a given unit to the left/right and up/down.			
	Plot specified points and draw sides to complete a given polygon			
Statistics	Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.			
	Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.			