



HT Maths Teacher Assessment Grid.

Year 4. Pupil name: _____ (Working below ●, emerging ●, expected ●, exceeding ●.)

Number and Place Value	Addition and Subtraction	Multiplication and Division	Measurements	Fractions and Decimals	Geometry	Statistics
Count in multiples of 6, 7, 9, 25 and 1000.	Add numbers with up to 4 digits using efficient methods. (columnar)	Recall multiplication and division facts for times tables up to 12 x 12.	Convert between different units of measure: km-m. Hour-minute.	Recognise and show (using pictorial representations) families of common equivalent fractions.	Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes.	Interpret and present data using bar charts.
Find 1000 more or less than a given number.						
Count backwards through 0 to include negative numbers.	Subtract numbers with up to 4 digits using efficient methods. (columnar)	Use place value and known derived facts to multiply and divide mentally.	Measure and calculate the perimeter of a rectilinear figure in cm and m.	Count up and down in hundredths; understand the link between dividing by 100 and dividing tenths by 10.	Identify acute and obtuse angles and compare and order angles up to two right angles by size.	Interpret and present data using time graphs.
Recognise the place value of each digit in a four-digit number. (Thousands, hundreds, tens and ones.)	Estimate to check answers to a calculation.	Multiply together three numbers.	Find the area of rectilinear shapes by counting squares.	Add and subtract fractions with the same denominator.	Identify lines of symmetry in 2D shapes presented in different orientations.	Solve' comparison' problems using information presented in bar charts, pictograms, tables and other graphs.
Compare and order numbers beyond 1000.	Use inverse operations to check answers to a calculation.	Understand the effect of multiplying by 0.	Estimate, compare and calculate different measures, including money in pounds and pence.	Recognise and write decimal equivalents of any number of tenths or hundredths.	Complete a simple symmetric figure with respect to a specific line of symmetry.	
Identify, represent and estimate numbers using different representations.		Recognise and use factor pairs in mental calculations.		Recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$ and $\frac{3}{4}$.		
Round any number to the nearest 10, 100 or 1000.	Solve addition two-step problems deciding which operations and methods to use and why.	Multiply two-digit numbers by a one-digit number, using formal written layout.	Read, write and convert time between analogue and digital 12 and 24-hour clocks.	Find the effect of $\div$ a number by 10 and 100 and identify the value of the digits in the answer as ones, tenths and hundredths.	Describe positions on a 2D grid as coordinates in the first quadrant.	Solve sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.
Solve number and practical problems involving all of the above.		Multiply three-digit numbers by a one-digit number using formal written layout.		Round decimals with one d.p to the nearest whole number.	Describe movements between positions as translations of a given unit to the left/right and up/down.	
Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of 0 and place value.	Solve subtraction two-step problems deciding which operations and methods to use and why.	Recognise and use commutativity in calculations.	Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.	Compare numbers with the same number of decimal places. (up to 2 d.p)	Plot specified points and draw sides to complete a given polygon.	Begin to record change over time.
		Solve multiplication and division problems.		Solve measure and money problems involving fractions and decimals. (up to 2 d,p)		