- Growing Tomorrow's Leaders -

HT Maths Teacher Assessment Grid. Year 4.

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.** Find **1000** more or less than a given number.	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.
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. Identify, represent and estimate numbers using different representations.	Use inverse operations to check answers to a calculation.	**Understand the effect of multiplying by 0.** **Recognise and use factor pairs in mental calculations.**	Estimate, compare and calculate different measures, including money in pounds and pence.	**Recognise and write decimal equivalents of any number of tenths or hundredths.** **Recognise and write decimal equivalents to ¼, ½ and ¾.**	**Complete a simple symmetric figure with respect to a specific line of symmetry.**	
Round any number to the nearest 10, 100 or 1000. Solve number and practical problems involving all of the above.	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.** **Multiply three-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 ÷ a number by 10 and 100 and identify the value of the digits in the answer as ones, tenths and hundredths.** **Round decimals with one d.p to the nearest whole number.**	**Describe positions on a 2D grid as coordinates in the first quadrant. Describe movements between positions as translations of a given unit to the left/right and up/down.**	**Solve sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.**
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 multiplication and division problems.	**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)** **Solve measure and money problems involving fractions and decimals. (up to 2 d,p)**	**Plot specified points and draw sides to complete a given polygon.**	**Begin to record change over time.**