- Growing Tomorrow's Leaders -

Maths Teacher Assessment Grid. Year 3.

Number and Place Value	Addition and Subtraction	Multiplication and Division	Measurements	Fractions	Geometry	Statistics
Read and write numbers **up to 1000** in digits and in words.	Add and subtract a **3-digit** number and ones mentally.	**Use mental strategies to multiply and divide a 2-digit number by a 1-digit number.**	Measure, compare**, add and subtract** lengths. (m/cm/mm).	**Count up and down in tenths.**	**Draw** 2D shapes.	**Interpret and present data using bar charts.**
Recognise the place value of **each digit in a three-digit number. (hundreds, tens, ones)**	Add and subtract a **3-digit** number and tens mentally.	**Use efficient written methods to multiply and divide a 2-digit and a 1-digit number.**	Measure, compare, **add and subtract** mass. (kg/g).	**Recognise that tenths arise from dividing an object into 10 equal parts.**	**Make 3D shapes using modelling materials.**	Interpret **and present data** using pictograms.
Find 10 or 100 more or less than a given number.	Add and subtract a **3-digit** number and hundreds mentally.	**Write** and calculate mathematical statements for multiplication and division using times tables that they know.	Measure, compare, **add and subtract** volume/capacity. (l/ml).	**Connect tenths to division by 10.**	**Recognise 3D shapes in different orientations and describe them.**	Interpret **and present data** using tables.
Identify, represent and estimate numbers using different representations.	Add and subtract numbers **with up to three digits, using columnar methods.**	Recall and use multiplication and division facts for **the 3 times tables.**	**Measure the perimeter of a 2D shape.**	Find and write fractions for a set of objects.	**Distinguish whether polygons are symmetrical or non-symmetrical.**	**Understand and use simple scales (2,5,10 per cm) with increasing accuracy.**
Count from 0 in multiples of 4, 8, 50 and 100.	Solve addition and subtraction problems.	Recall and use multiplication and division facts for **the 4 times tables.**	**Add and subtract amounts of money** to give change using £ and p.	**Recognise and use fractions as numbers.**	**Recognise angles as a property of a shape or a description of a turn.**	**Solve one-step questions using presented data.**
Compare and order numbers **up to 1000.**	**Estimate the answer to a calculation.**	Recall and use multiplication and division facts for **the 8 times tables. (Use doubling to connect these tables)**	**Tell and write the time from an analogue clock in 12 and 24-hour clocks.**	Recognise and **show (using pictorial representations)** equivalent fractions.	**Identify right angles.**	**Solve two-step questions using presented data.**
Solve number problems **and practical problems** involving these ideas.	Use inverse operations to check answers.	Solve multiplication and division problems.	**Tell the time using Roman numerals from I to XII.**	**Add and subtract fractions with the same denominator, within one whole.**	**Recognise that two right angles make a half-turn, 3 make ¾ of a turn and 4 make a complete turn.**	
	Solve missing number problems. 27 - ☐ = 16	**Solve missing number problems. 6 x ☐ = 24**	**Estimate** and read time **to the nearest minute and compare times using appropriate vocabulary.**	**Compare and order unit fractions and fractions with the same denominators.**	**Identify whether angles are greater than or less than a right angle using acute or obtuse.**	
		Use commutativity and associativity to derive related facts. 30x2=60. 60÷3=20. 20=60÷3.	**Know the number of seconds in a minute and days in each month, year and leap year.**	**Solve problems involving all of the above.**	**Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.**	