Maths Teacher Assessment Grid. Year 2

- Growing Tomorrow's Leaders -

Number and Place Value	Addition and Subtraction	Multiplication and Division	Measurements	Fractions	Geometry	Statistics
Count in steps of 2,3 and 5 from 0 and from any number, forward and backward.	Solve problems with addition and subtraction, using concrete objects and pictorial representations.	Recall and use x **and ÷ facts** for the 2, 5 and 10 times tables.	Choose and use appropriate **standard units to estimate and measure. (m, cm, kg, g, °c, L, ml)**	**Write simple fractions.**	**Identify and describe the properties of 2D shapes, including the number of sides.**	**Interpret and construct simple pictograms.**
Count in steps of 10 from any number, forwards and backwards.	**Recall** and use addition and subtraction facts to 20 **fluently.**	**Connect the 5 times tables to the clock face.**	**Measure to the nearest unit using rulers, scales, thermometers and measuring vessels.**	Recognise, find, name **and write fractions ⅓, ¼, two quarters and ¾** of a length.	**Identify lines of symmetry in 2D shapes.**	**Interpret and construct simple tally charts.**
Recognise the place value of each digit in a two-digit number. (tens, ones)	**Derive and use related facts up to 100.**	Recognise odd and even numbers.	Compare **and order** lengths, mass, volume and capacity **and record results using <, > and =.**	Recognise, find, name **and write fractions ⅓, ¼, two quarters and ¾** of a shape.	**Identify and describe the properties of 3D shapes, including number of edges, vertices and faces.**	**Interpret and construct block diagrams.**
Partition two-digit numbers in different ways.	Add and subtract two-digit numbers with ones and then tens. (written and mental)	**Calculate multiplication statements using the x and = signs.**	**Recognise and use symbols for pounds and pence and combine amounts to make a particular value.**	Recognise, find, name **and write fractions ⅓, ¼, two quarters and ¾** of a quantity.	Identify 2D shapes on the surface of 3D shapes.	**Interpret and construct tables.**
Identify, represent and estimate numbers in different ways **– including a number line.**	Add and subtract two, 2-digit numbers with ones and tens. (written and mental)	**Calculate division statements using the ÷ and = signs.**	**Find different combinations of coins that equal the same amounts of money.**	Recognise, find, name **and write fractions ⅓, ¼, two quarters and ¾** of objects.	**Compare and sort common 2D and 3D shapes.**	**Ask questions about totalling and comparing data.**
Compare and order numbers from 0-100.	**Add three one-digit numbers.**	**Show that multiplication is commutative.**	**Compare and sequence intervals of time.**	**Recognise equivalents.**	**Order and arrange combinations of objects in patterns and sequences.**	**Answering questions about totalling and comparing data.**
Use <, > and = signs.	**Show that addition is commutative, but that subtraction isn't.**	**Show that division is not commutative.**	Tell and write the **time to five minutes, including quarter past, quarter to** and draw the hands on the clock face to show these times.	**Connect fractions to equal grouping and sharing.**	Use mathematical vocabulary to describe position, direction and movement.	
Read and write numbers to at least 100 in digits and words.	**Recognise and use the inverse relationship between addition and subtraction and use this to check calculations.**	Solve problems using multiplication and division.	**Know the number of minutes in an hour and the number of hours in a day.**	**Count in fractions on a number line, go past one whole.**	Understand rotation as turns.	
Use place value and number facts to solve problems.	Solve missing number problems. 7 = ☐ - 9	Use arrays **and repeated addition.**	**Solve problems involving money, including giving change.**			