Maths Assessment Grid – Year 2

Context/Name/Date												
Number and Place Value												
Read and write numbers in numerals up to 10	**1 WTS TAF**											
Partition a two-digit number into tens and ones to demonstrate an understanding of place value	**2 WTS TAF**											
Recall at least four of the six number bonds for 10 and reason about associated facts (e.g. 6 + 4 = 10 , therefore 4 + 6 = 10 and 10 – 6 = 4)	**3 WTS TAF**											
Count in twos, fives and tens from 0 and use this to solve problems	**4 WTS TAF**											
Partition any two-digit number into different combinations of tens and ones, explaining their thinking verbally, in pictures or using apparatus	**5 EXS TAF**											
Recognise odd and even numbers	**6**											
Compare and order numbers from 0 up to 100	**7**											
Use < > and = signs correctly	**8**											
Count in steps of three 0, and in tens from any number, forward and backward	**9**											
Addition and Subtraction												
Add and subtract two-digit numbers and ones, and two-digit numbers and tens, where no regrouping is required, explaining their method verbally, in pictures or using apparatus	**10 WTS TAF**											
Add any 2 two-digit numbers **using an efficient strategy** from the school calculation policy, explaining their method verbally, in pictures or using apparatus: • Use of base 10 to combine two numbers: partitioning tens and ones to add • Use of base 10/number line to combine two numbers: adding 10 and adjusting • Use of base 10/numicon/numberline to combine two numbers: bridging through 10	**11 EXS TAF**											
Subtract any 2 two-digit numbers **using an efficient strategy** from the school calculation policy, explaining their method verbally, in pictures or using apparatus: • Counting back in ones using a number line • Part-whole connections: finding the difference using cubes, numicon or bar models • Partitioning to bridge 10 using tens frames • Use of base 10/pictoral base 10 with and without exchange	**12 EXS TAF**											
Recall all number bonds to and within 10 and use these to reason with and calculate bonds to and within 20, recognising other associated additive relationships such as deriving and using related facts up to 100	**13 EXS TAF**											
Use reasoning about numbers and relationships to solve more complex 2 step problems and explain their thinking	**14 GDS TAF**											
Solve problems with addition and subtraction using concrete objects and pictorial representations, including those involving numbers, quantities and measures & applying an increasing knowledge of mental and written methods	**15**											
Add and subtract three 1-digit numbers numbers using concrete objects, pictorial representations	**16**											
Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot	**17**											
Multiplication and Division												

Maths Assessment Grid – Year 2

Recall multiplication and division facts for 2, 5 and 10 and use them to solve simple problems demonstrating an understanding that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot	**18 EXS TAF**											
Solve multiplication problems using strategies and resources from the school calculation policy: • Using number lines to show repeated groups • Arrays showing commutative multiplication	**19**											
Solve division problems using strategies and resources from the school calculation policy: Division as grouping • Division within arrays- linked to multiplication • Repeated subtraction	**20**											
Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs	**21**											
Recall and use multiplication and division facts for 2, 5 and 10 and make deductions outside known multiplication facts	**22 GDS TAF**											
Solve unfamiliar word problems that involve more than one step	**23 GDS TAF**											
Fractions												
Identify ¼, 1/3, ½, 2/4, ¾ of a number, shape or set of objects, and know that all parts must be equal parts of the whole	**24 EXS TAF**											
Write simple fractions, for example 1/2 of 6 = 3 and recognise the equivalence of 2/4 and 1/2	**25**											
Measurement												
Know the value of different coins	**26 WTS TAF**											
Read scales in divisions of ones, twos, fives and tens	**27 EXS TAF**											
Use different coins to make the same amount	**28 EXS TAF**											
Read the time on a clock to the nearest 15 minutes	**29 EXS TAF**											
Read scales where not all numbers on the scale are given and estimate points in between	**30 GDS TAF**											
Read the time on a clock to the nearest 5 minutes	**31 GDS TAF**											
Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels	**32**											
Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change	**33**											
Geometry												
Name some common 2-D and 3-D shapes from a group of shapes or from pictures of the shapes and describe some of their properties	**34 WTS TAF**											
Name and describe properties of 2-D and 3-D shapes, including number of sides, vertices, edges, faces and lines of symmetry.	**35 EXS TAF**											
Describe similarities and differences of 2-D and 3-D shapes, using their properties	**36 GDS TAF**											
Identify 2-D shapes on the surface of 3-D shapes, [e.g a circle on a cylinder and a triangle on a pyramid]	**37**											
Compare and sort common 2-D and 3-D shapes and everyday objects	**38**											
Order and arrange combinations of mathematical objects in patterns and sequences	**39**											
Statistics												

Maths Assessment Grid – Year 2

Interpret and construct simple pictograms, tally charts, block diagrams and simple tables	**40**												
Ask & answer simple questions by counting the number of objects in each category & sorting the categories by quantity	**41**												
Score													
Stage judgement													