



## Y3 Maths Assessment

| <b>Times Tables and Rapid Recall</b>                                                                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| I can recall and use multiplication and division facts for the 3x table                                                                                                                                     |
| I can recall and use multiplication and division facts for the 4x table                                                                                                                                     |
| I can count upwards in multiples of 50 and 100                                                                                                                                                              |
| I can add or subtract 100 from any 3 digit number                                                                                                                                                           |
| I can count from 0 in multiples of 4 and 8                                                                                                                                                                  |
| I can recall and use multiplication and division facts for the 8x table, recognising the relationship to the 4x table                                                                                       |
| <b>Properties of Number and Place Value</b>                                                                                                                                                                 |
| I can read and write numbers from 1-1000 in digits and words                                                                                                                                                |
| I can understand the value of each digit in a 3 digit number                                                                                                                                                |
| I can compare and order numbers up to 1000                                                                                                                                                                  |
| I can count forwards and backwards in tens and hundreds and can add or subtract 10 or 100 from any given number up to 1000                                                                                  |
| I can count from 0 in multiples of 4, 8, 50 and 100 and I can recognise patterns and make links between different times tables                                                                              |
| <b>Addition and Subtraction</b>                                                                                                                                                                             |
| I can add or subtract mentally in ones, tens or hundreds to or from a 3 digit number                                                                                                                        |
| I can add 2 or 3 digit numbers using column addition, including exchanging/regrouping (initially using place value counters)                                                                                |
| I can subtract 2 digit from a 3 digit numbers using column subtraction, including exchanging/regrouping (initially using place value counters)                                                              |
| I can add or subtract money, using both £ and p to give change in practical contexts                                                                                                                        |
| I can estimate an answer to an addition or subtraction problem and use the inverse to check an answer                                                                                                       |
| I can solve 1 or 2 step word problems using addition and subtraction with numbers up to 1000, including money problems (£ or p)                                                                             |
| <b>Multiplication and Division</b>                                                                                                                                                                          |
| I can explore the effect of partitioning a number to multiply mentally (distributive law) e.g. $7 \times 8$ becomes $8 \times 5$ plus $8 \times 2$ or $14 \times 6$ becomes $4 \times 6$ plus $10 \times 6$ |
| I can use related facts to multiply multiples of 10 e.g. $2 \times 3 = 6$ , $2 \times 30 = 60$                                                                                                              |
| I can multiply a 2 digit number by a 1 digit number and understand how this can be recorded using a formal vertical method                                                                                  |
| I can divide a 2 or 3 digit number by a 1 digit number using grouping and understand how this can be recorded as formal short division                                                                      |

I can solve problems involving multiplication and division, including scaling problems (e.g. twice as long) and correspondence problems in which 'n' objects are connected to 'm' objects (e.g. 4 hats, 3 coats, how many outfits?)

## Fractions

I can count in tenths and understand a tenth as part of a whole divided into 10 equal parts

I can recognise and write the decimal equivalent of a tenth using place value board e.g.  $1/10=0.1$

I can find fractions ( $1/2$ --- $1/10$ ) of amounts up to 100

I can compare, order, add and subtract fractions with the same denominator

I can compare and order unit fractions with the support of fraction walls and number lines

I can recognise and show (using a fraction wall), simple equivalent fractions.

## Geometry

I can identify horizontal and vertical lines and pairs of perpendicular and parallel lines

I can identify right angles and describe how right angles can make up  $\frac{1}{4}$ ,  $\frac{1}{2}$ ,  $\frac{3}{4}$  and a whole turn

I can recognise right angles in 2D shapes and say if an angle is greater or less than a right angle

I can draw 2D shapes and describe them using my knowledge of sides and angles

I can make 3D shapes using modelling materials and recognise 3D shapes in different orientations

I can use my knowledge of shapes to identify symmetrical and non-symmetrical 2D and 3D shapes

I can describe positions on a 2D grid using coordinates in the first quadrant e.g. (A,5)

## Statistics

I can interpret data in charts and graphs including reading a scale of 2,5 and 10

I can present data in charts and graphs including using a scale of 2,5 and 10

I can solve one step problems using data presented in scaled bar charts, pictograms and tables e.g. how many more/how many fewer?

I can solve two step problems using data presented in scaled bar charts, pictograms and tables