# Assessment Tool: 6 - Year 3 Number

|  |  | **√** | **NC level** |
| --- | --- | --- | --- |
| 1 | Count from 0 in multiples of 4, 8, 50 and 100 **Instructions**Ask the pupil to count in 4,8,50, 100 before they complete the questions. How quick are they, are they counting up? |  | **NCY3** |
| 2 | Find 10 or 100 more or less than a given number |  | **NCY3** |
| 3 | Recognise the place value of each digit in a 3-digit number (100s, 10s, 1s) |  | **NCY3** |
| 4 | Compare and order numbers up to 1,000 |  | **NCY3** |
| 5 | Read and write numbers up to 1,000 in numerals and in words**Instructions**Ask the pupil to read the numbers to you. If the pupil has trouble spelling. you can provide the written words for them |  | **NCY3** |
| 6 | Identify, represent and estimate numbers using different representations**Instructions**Have base 10 available to support this.  |  | **NCY3** |
| 7 | Add and subtract numbers mentally, including:* + a three-digit number and 1s
	+ a three-digit number and 10s
	+ a three-digit number and 100s
 |  | **NCY3** |
| 8 | Add and subtract numbers with up to 3 digits, using formal written methods of column addition and subtraction. |  | **NCY3** |
| 9 | Estimate the answer to a calculation and use inverse operations to check answers. |  | **NCY3** |
| 10 | Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.**Instructions**Pupil to fill in the missing numbers and then use the grid to work out the value of each shapeAnswer= circle = 9, triangle = 5 and square = 2**.** |  | **NCY3** |
| 11. | Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables |  | **NCY3** |
| 12. | Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods**Instruction**Questions may have to be adapted if the pupil is not familiar with the 4,6,8 times table. |  | **NCY3** |
| 13. | Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects |  | **NCY3** |
| 14. | Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10. |  | **NCY3** |
| 15. | Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators. |  | **NCY3** |
| 16. | Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators. |  | **NCY3** |
| 17. | Recognise and show, using diagrams, equivalent fractions with small denominators. |  | **NCY3** |
| 18. | Add and subtract fractions with the same denominator within one whole, for example,$ \frac{5}{7}$ + $\frac{1}{7}$ =$\frac{6}{7}$. |  | **NCY3** |
| 19. | Compare and order unit fractions, and fractions with the same denominators. |  | **NCY3** |