



Progression of Skills: Addition and Subtraction

Nursery	Reception	Y1	Y2
<p>Addition and subtraction</p> <p>Pupils should be taught to:</p> <p>Compare two groups of objects, saying when they have the same number.</p> <p>Show an interest in number problems</p> <p>Separate a group of three or four objects in different ways, beginning to recognise that the total is still the same.</p>	<p>Addition and subtraction</p> <p>Pupils should be taught to:</p> <p>Use the language of 'more' and 'fewer' to compare two sets of objects and find the total number of items in two groups by counting all of them.</p> <p>Find one more or one less from a group of up to five objects, then ten objects.</p> <p>Automatically recall number bonds for number 0-10</p> <p>In practical activities and discussion, begin to use the vocabulary involved in adding and subtracting.</p> <p>Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed evenly.</p> <p>Record, using marks that they can interpret and explain.</p> <p>ELG Automatically recall number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts.</p> <p>Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed evenly.</p>	<p>Addition and subtraction</p> <p>Pupils should be taught to:</p> <p>Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs</p> <p>Represent and use number bonds and related subtraction facts within 20</p> <p>Add and subtract one-digit and two-digit numbers to 20, including zero</p> <p>Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = \square - 9$</p>	<p>Addition and subtraction</p> <p>Pupils should be taught to:</p> <p>Solve problems with addition and subtraction:</p> <ul style="list-style-type: none"> - using concrete objects and pictorial representations, including those involving numbers, quantities and measures - applying their increasing knowledge of mental and written methods <p>Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100</p> <p>Add and subtract numbers using concrete objects, pictorial representations, and mentally, including:</p> <ul style="list-style-type: none"> - a two-digit number and ones - a two-digit number and tens - two two-digit numbers - adding three one-digit numbers <p>Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot</p> <p>Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and missing number problems</p>

