



## St Laurence Church of England Primary School

### Year Group Calculation Expectations

Children should be secure in the methods of calculation by the end of the academic year.

Year Group	Method	Times tables
EYFS	<ul style="list-style-type: none"><li>• Have a deep understanding of numbers to 10, including the composition of each number.</li><li>• Subitise up to 5</li><li>• Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity.</li><li>• Automatically recall number bonds up to 5 and some number bonds to 10.</li><li>• Verbally count beyond 20, recognising the pattern of the counting system.</li><li>• Explore and represent patterns within numbers up to 10, including evens and odds, double facts</li></ul>	

<p><b>Year 1</b></p>	<p>Children should be secure in the methods taught in the previous year group. In year 1 they must be taught how to:</p> <ul style="list-style-type: none"> <li>• One more,one less</li> <li>• Adding and subtracting within 20</li> <li>• Number bonds to 20</li> <li>• Number lines</li> <li>• Doubles to 20</li> <li>• Construct an addition and subtraction statement</li> <li>• Know and use related subtraction facts to 20</li> <li>• Add and subtract one and two digit numbers to 20</li> <li>• Solving one step addition and subtraction problems using pictures</li> <li>• Finding missing numbers in a number sentence</li> <li>• Compare numbers using greater than and more than signs</li> </ul>	<p>Counting in 2,5,10 using repeated addition.</p> <p>Calculate using objects, pictures and arrays.</p>
<p><b>Year 2</b></p>	<p>Children should be secure in the methods taught in the previous year group. In year 2 they must be taught how to:</p> <ul style="list-style-type: none"> <li>• Column addition without exchanging</li> <li>• Column addition with exchanging</li> <li>• Column subtraction without exchanging</li> <li>• Column subtraction with exchanging</li> </ul>	<p>Recall and use multiplication and division facts for the 2, 5 and 10 times table.</p>

<p><b>Year 3</b></p>	<p>Children should be secure in the methods taught in the previous year group. In year 3 they must be taught how to:</p> <ul style="list-style-type: none"> <li>• Column addition without exchanging (3 digits)</li> <li>• Column addition with exchanging (3 digits)</li> <li>• Column subtraction without exchanging (3 digits)</li> <li>• Column subtraction with exchanging (3 digits)</li> <li>• Multiply 2 digits by 1 digit</li> <li>• Divide 2 digits by 1 digit (sharing with exchange)</li> <li>• Divide 2 digits by 1 digit (sharing with remainders)</li> </ul>	<p>Recall and use multiplication and division facts for the 3, 4 and 8 times tables.</p>
<p><b>Year 4</b></p>	<p>Children should be secure in the methods taught in the previous year group. In year 4 they must be taught how to:</p> <ul style="list-style-type: none"> <li>• Column addition without exchanging (4 digits)</li> <li>• Column addition with exchanging (4 digits)</li> <li>• Column subtraction without exchanging (4 digits)</li> <li>• Column subtraction with exchanging (4 digits)</li> <li>• Multiply 2 digits by 1 digit</li> <li>• Multiply 3 digits by 1 digit</li> <li>• Divide 2 digits by 1 digit (sharing with remainders)</li> <li>• Divide 2 digits by 1 digit (grouping)</li> <li>• Divide 3 digits by 1 digit (grouping)</li> </ul>	<p>Recall and use multiplication and division facts for the 6, 7, 9, 11, 12 times tables.</p>

<p><b>Year 5</b></p>	<p>Children should be secure in the methods taught in the previous year group. In year 5 they must be taught how to:</p> <ul style="list-style-type: none"> <li>• Multiply 4 digits by 1 digit</li> <li>• Multiply 2 digits by 2 digits</li> <li>• Multiply 3 digits by 2 digits</li> <li>• Multiply 4 digits by 2 digits</li> <li>• Divide 3 digits by 1 digit (grouping)</li> <li>• Divide 4 digits by 1 digit (grouping)</li> </ul>	
<p><b>Year 6</b></p>	<p>Children should be secure in the methods taught in the previous year group. In year 6 they must be taught how to:</p> <ul style="list-style-type: none"> <li>• Multiply 4 digits by 2 digits</li> <li>• Divide multi digits by 2 digits (short division)</li> <li>• Divide multi digits by 2 digits (long division)</li> </ul>	