

# Mastering Number

## Year 2 Overview

Term 1	Term 2	Term 3
<p>Pupils will have an opportunity to consolidate their understanding and recall of number bonds within 10; they will re-cap the composition of the numbers 11 to 20 and reason about their position within the linear number system.</p> <p><b>Pupils will:</b></p> <ul style="list-style-type: none"> <li>• review the composition of the numbers 6 to 9 as '5 and a bit'</li> <li>• compare numbers using the language of comparison and use the symbols <math>&lt;</math> <math>&gt;</math> <math>=</math></li> <li>• review the structure of even numbers (including exploring how even numbers can be composed of two odd parts or two even parts) and the composition of each of 6, 8 and 10</li> <li>• review the structure of odd numbers (including exploring how odd numbers can be composed of one odd part and one even part) and the composition of each of 7 and 9</li> </ul>	<p>Pupils will have an opportunity to use their knowledge of the composition of numbers within 10 to calculate within 20; they will explore the links between the numbers in the linear number system within 10 to numbers within 100, focusing on multiples of 10 and the midpoint of 50.</p> <p><b>Pupils will:</b></p> <ul style="list-style-type: none"> <li>• explore how the numbers 6 to 9 can be doubled using the '5 and a bit' and '10 and a bit' structure</li> <li>• use doubles to calculate near doubles</li> <li>• use bonds of 10 to reason about bonds of 20, in which the given addend is greater than 10</li> <li>• use known number bonds within 10 to calculate within 20, working within the 10-boundary</li> </ul>	<p>Pupils will have further opportunities to use their knowledge of the composition of numbers within 10 to calculate within 20 and to reason about equations and inequalities.</p> <p><b>Pupils will:</b></p> <ul style="list-style-type: none"> <li>• continue to explore a range of strategies to subtract across the 10-boundary</li> <li>• review bonds of 20 in which the given addend is greater than 10, and reason about bonds of 20, in which the given addend is less than 10</li> <li>• practise previously explored strategies to support their reasoning about inequalities and equations</li> <li>• review doubles and near doubles and transform additions in which two addends are adjacent odd/ even numbers into doubles</li> </ul>

<ul style="list-style-type: none"> <li>consolidate their understanding of the numbers 10 and 20 as '10 and a bit'</li> <li>consolidate their understanding of the linear number system to 20 and reason about midpoints</li> </ul>	<ul style="list-style-type: none"> <li>use their knowledge of bonds of 10 to find three addends that sum to 10</li> <li>use their knowledge of the composition of numbers within 20 to add and subtract across the 10-boundary</li> <li>use their understanding of the linear number system to 10 to position multiples of 10 on a 0--100 number line and reason about midpoints</li> </ul>	<ul style="list-style-type: none"> <li>consolidate previously taught facts and strategies through continued, varied practice</li> </ul>
<p>This term will particularly support the teaching and consolidation of the following RtP criteria:</p> <ul style="list-style-type: none"> <li>1NPV-2</li> <li>2NF-1</li> </ul>	<p>This term will particularly support the teaching and consolidation of the following RtP criteria:</p> <ul style="list-style-type: none"> <li>2NPV-2</li> <li>2NF-1</li> <li>2AS-1</li> </ul>	<p>This term will particularly support the teaching and consolidation of the following RtP criteria:</p> <ul style="list-style-type: none"> <li>2NF-1</li> <li>2AS-1</li> <li>2AS-2</li> </ul>