



The ten lessons selected provide the basis for much of the numbers work we complete within the National Curriculum. Having an excellent basis of place value and how our number system works is essential as the complexity of problems increases. The number range in KS2 starts within the hundreds and expands to tens of millions in year 6. Taking them on a steady journey of place value helps them enormously in much of the number work related to calculating within their year group.

Session	Year 3 – Place Value	Year 4 – Reasoning with 4 digit numbers	Year 5 – Reasoning with large numbers	Year 6 – Integers and decimals
1	<a href="#"><u>Reading and writing 3 digit numbers</u></a>	<a href="#"><u>4 digit place value</u></a>	<a href="#"><u>place value within 5 digit numbers</u></a>	<a href="#"><u>Powers of 10 within one million</u></a>
2	<a href="#"><u>Partitioning numbers in different ways</u></a>	<a href="#"><u>Ordering and comparing larger numbers</u></a>	<a href="#"><u>comparing 5 digit numbers</u></a>	<a href="#"><u>reading and writing 7 digit numbers</u></a>
3	<a href="#"><u>Ordering and comparing 3 digit numbers</u></a>	<a href="#"><u>order and compare larger numbers</u></a>	<a href="#"><u>ordering and comparing 5 digit numbers with a number line</u></a>	<a href="#"><u>understanding digits values within their place</u></a>
4	<a href="#"><u>Adding and subtracting 3 digit numbers</u></a>	<a href="#"><u>Finding 10, 100, 1000 more or less than a given number</u></a>	<a href="#"><u>rounding 5 digit numbers</u></a>	<a href="#"><u>compare and order up to 10 million</u></a>
5	<a href="#"><u>rounding 2 and 3 digit numbers to the nearest 10</u></a>	<a href="#"><u>Finding 10, 100, 1000 less than a given number</u></a>	<a href="#"><u>rounding 5 digit numbers</u></a>	<a href="#"><u>rounding with accuracy</u></a>
6	<a href="#"><u>reasoning about rounding</u></a>	<a href="#"><u>rounding to the nearest 10</u></a>	<a href="#"><u>place value within a 6 digit numbers</u></a>	<a href="#"><u>estimating and rounding application</u></a>
7	<a href="#"><u>rounding 2 and 3 digit numbers to the nearest 100</u></a>	<a href="#"><u>rounding to the nearest 100</u></a>	<a href="#"><u>comparing 6 digit numbers using correct symbols</u></a>	<a href="#"><u>different strategies for addition</u></a>
8	<a href="#"><u>Place value problem solving</u></a>	<a href="#"><u>rounding to the nearest 1000</u></a>	<a href="#"><u>ordering a comparing 6 digit numbers with a number line</u></a>	<a href="#"><u>Different strategies for subtraction</u></a>
9	<a href="#"><u>solutions to problems</u></a>	<a href="#"><u>finding the odd one out</u></a>	<a href="#"><u>rounding 6 digit numbers</u></a>	<a href="#"><u>Applying addition and subtraction</u></a>
10	<a href="#"><u>Applying place value</u></a>	<a href="#"><u>reasoning with 4 digit numbers</u></a>	<a href="#"><u>rounding 6 digit numbers session 2</u></a>	<a href="#"><u>Addition and subtraction problem solving</u></a>