



## PROGRESSION IN NUMBER (PLACE VALUE) YEAR 5

Strand	What do I already know?	What am I going to be learning?	What will I learn in Year 6?
<b>Counting</b>	Count to and across 100 from any number - Y1 Count in 2s, 5s, and 10s - Y1 Count in 2s, 3s, 5s and 10s from any number, up and down - Y2 Find one more or less than a number - Y1 Count from 0 in multiples of 4, 8, 50 and 100 – Y3 Find 10 or 100 more or less than a given number – Y3 count backwards through zero to include negative numbers - Y4 count in multiples of 6, 7, 9, 25 and 1000 – Y4 find 1000 more or less than a given number – Y4	count forwards or backwards in steps of powers of 10 for any given number up to 1000 000	
<b>Comparing numbers</b>	compare and order numbers up to 100 – Y2 use <, > and = signs - Y2 language of comparing numbers - Y1 compare and order numbers up to 1000 – Y3 order and compare numbers beyond 1000, including decimals with up to 2 decimal places – Y4	read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit	read, write, order and compare numbers to at least 10,000,000 and determine the value of each digit
<b>Reading and writing numbers</b>	Read and write numbers: Up to 20 - Y1 Up to 100 - Y2 Up to 1000 – Y3 Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value – Y4	read Roman numerals to 1000 (M) and recognise years written in Roman numerals.	
<b>Understanding place value</b>	Place value of tens and ones – Y2 Place value of ones, tens and hundreds – Y3 Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones) - Y4	read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit	read, write, order and compare numbers to at least 10,000,000 and determine the value of each digit
<b>Rounding</b>	Round to the nearest 10, 100 or 1000 – Y4	round any number up to 1 000 000 to the nearest 10, 100, 1 000, 10 000 and 100 000	Round any whole number to any required degree of accuracy
<b>Problem solving</b>	Use place value to solve problems – Y2 Use place value to 3 digits to solve problems – Y3 Use place value to four digits to solve problems – Y4	Solve problems involving numbers up to 1,000,000	Solve problems involving numbers up to 10,000,000
<b>Vocabulary</b>	Ones, tens, hundreds, thousands, ten thousands, hundred thousands, million, place holder, value, compare, greater than, less than, equal, more, less, digits, numeral, Roman numeral		