Place Value curriculum road map
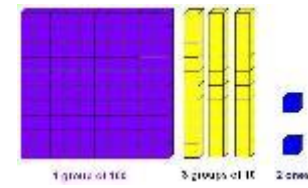
Using PV & Compare (A1)
given a number, identify one more and one less

Counting (A1, A4, S1, SU1)
Count to and across 100, forwards and backwards beginning with 0 or 1, or from any given number
Count numbers to 100 in numerals; count in multiples of 2, 5, 10

Represent (A1)
Identify and represent numbers using objects and pictorial representations
Read and write numbers to 100 in numerals
Read and write numbers from 1-20 in numerals and words

Counting (A1)
Count in steps of 2,3 and 5 from 0 and in tens from any number, forward or backward

Represent (A1)
Read and write numbers to at least 100 in numerals and words.
Identify, represent and estimate numbers using different representations, including the number line

Using PV & Compare (A1)
recognise the value of each digit in a two-digit numbers (tens, ones)
Compare and order numbers from 0 up to 100; use <,> and = signs

Problems & Rounding
* Use place value and number facts to solve problems

Y1

Y2

Place Value: Using PV & Compare (A1)
find 1000 more or less than a given number
Recognise the PV of each digit in a four-digit number
Order and compare numbers beyond 1000

Place Value: Counting (A1, A4)
Count in multiples of 6,7,9,25 & 1000
Count backwards through zero to include negative numbers

Place Value: Counting (A1, A3)
Count from 0 in multiples of 4, 8, 50, and 100; find 10 0r 100 more or less than a given number

Using PV & Compare (A1)
recognise the value of each digit in a three-digit numbers (hundreds, tens, ones)
Compare and order numbers up to 1000

Y3

Y4

Problems & Rounding
Round any number to the nearest 10, 100 or 1000
Solve number and practical problems that involve all of the above and with increasingly large numbers

Counting (A1)
Count forwards or backwards in steps of powers of 10 for any given number up to 1000000
Count forwards and backwards with positive and negative whole numbers, including through zero

Problems & Rounding
* Use place value and number facts to solve problems

Represent (A1)
Identify, represent and estimate using different representations
Read and write numbers up to 1000 in numerals and words

Represent (A1)
Read, write (order and compare) numbers to at least 10000000 and determine the value of each digit

Y5

Y6

Represent (A1)
Identify, represent and estimate using different representations
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

Using PV & Compare (A1)
(read, write) order and compare numbers to at least 100000 and determine the value of each digit

Problems & Rounding
• Interpret negative numbers in context
• Round any number up to 1000000 to the nearest 10, 100, 1000, 10000 & 100000
• Solve number problems that involve all of the above

Represent (A1)
Read, write (order and compare) numbers to at least 1000000 and determine the value of each digit
Read roman numerals to 1000 (M) and recognise years written in Roman numerals

Problems & Rounding
Round any number to a reasonable degree of accuracy
Use negative numbers in context, and calculate intervals across zero
Solve number and practical problems using all of the above.

Using PV & Compare (A1)
read, write (order and compare) numbers to at least 100000 and determine the value of each digit