**Content domain – number and place value;** approximation and estimation / rounding (KS2)

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| **Strand** | **National Curriculum reference Year 1** | **National Curriculum reference Year 2** | **National Curriculum reference Year 3** | **National Curriculum reference Year 4** | **National Curriculum reference Year 5** | **National Curriculum reference Year 6** |
| **N1**  Counting (in multiples) | **1N1a**  Count to and across 100, forward and backwards, beginning with 0 or 1, or from any given number | **2N1**  Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward or backward |  | 4N1  Count in multiples of 6, 7, 9, 25 and 1000 | **5N1**  Count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000 |  |
| **1N1b**  Count in multiples of twos, fives and tens |  | 3N1b  Count from 0 in multiples of 4, 8, 50 and 100 |  |  |  |
| **N2**  Read, write, order and compare numbers | **1N2a**  Count, read and write numbers to 100 in numerals | **2N2a**  Read and write numbers to at least 100 in numerals and in words | 3N2a  Compare and order numbers up to 1000  Read and write numbers to 1000 in numerals and in words | 4N2a  Order and compare numbers beyond 1000 | **5N2**  Read, write, order and compare numbers to at least 1 000 000 | **6N2**  Read, write, order and compare numbers up to 10 000 000 |
| **1N2b**  Given a number, identify one more and one less | **2N2b**  Compare and order numbers from 0 up to 100; use <, > and = signs | 3N2b  Find 10 or 100 more or less than a given number | 4N2b  Find 1000 more or less than a given number |  |  |
| **1N2c**  Read and write numbers from 1 to 20 in numerals and words |  |  |  |  |  |
| **N3**  Place value; Roman numerals |  | **2N3**  Recognise the place value of each digit in a two-digit number (tens, ones) | 3N3  Recognise the place value of each digit in a three-digit number (hundreds, tens, ones) | 4N3a  Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens and ones) | **5N3a**  Determine the value of each digit in numbers up to 1 000 000 | **6N3**  Determine the value of each digit in numbers  up to 10 000 000 |
|  |  |  | 4N3b  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 | **5N3b**  Read Roman numerals to1000 (M) and recognise years written in Roman numerals |  |
| **N4**  Identify, represent and estimate; rounding | **1N4**  Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least | **2N4**  Identify, represent and estimate numbers using different representations, including the number line | 3N4  Identify, represent and estimate numbers using different representations | **4N4a**  Identify, represent and estimate numbers using different representations | **5N4**  Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000 | **6N4**  Round any whole number to a required degree of accuracy |
|  |  |  | **4N4b**  Round any number to the nearest 10, 100 or 1000 |  |  |
| **N5**  Negative numbers [KS2] |  |  |  | **4N5**  Count backwards through zero to include negative numbers | **5N5**  Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero | **6N5**  Use negative numbers in context, and calculate  intervals across zero |
| **N6**  Number problems |  | **2N6**  Use place value and number facts to solve problems | 3N6  Solve number problems and practical problems involving 3N1–3N5 | **4N6**  Solve number and practical problems that involve **4N1–4N5** and with increasingly large positive numbers | **5N6**  Solve number problems and practical problems that involve **5N1–5N5** | **6N6**  Solve number problems and practical problems that involve **6N2–6N5** |