**Maths Medium Term Planning**

**Year Five**

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| **WR Block 4: Place Value Negative Numbers** | | **Spring Term** | |
| **National Curriculum Objectives** | **Small Steps** | **Prior Learning** | **Future Progression** |
| * Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit. * Count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000. * Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero. * Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000. * Solve number problems and practical problems that involve all of the above. * Read Roman numerals 10 1000 (M) and recognise years written in Roman numerals. | * Understand negative numbers * Count through zeros in ones * Count through zeros in multiples * Compare and order negative numbers * Find the difference | **Y4**   * Recognise the place value of each digit in a four-digit number. * Order and compare numbers beyond 1000. * Round any number to the nearest 10,100 and 1000. | **Y6**   * Read, write, order and compare numbers up to 10 000 000 and determine the value of each digit. * Round any whole number to a required degree of accuracy. |
| **Key Vocabulary**  **New Vocabulary:**  Factorise, prime factor, formula  divisibility, square number, prime number, ascending/descending order  ≥ greater than or equal to  ≤ less than or equal to, cardinal number | **Key Vocabulary:**  **Previous Year Group:**  ten thousand, hundred thousand, million, sixes, sevens, nines, twenty-fives, next, consecutive, integer, positive, negative, above/below zero, minus, negative numbers, one thousand more, one thousand less | **Stem Sentences**  Numbers greater than zero are called \_\_\_ numbers.  Numbers less than zero are called \_\_\_\_ numbers.  I know the numbers are counting forwards/backwards because …  The number before/after \_\_\_ when counting forwards/ backwards in 1s is...  The sequence is counting in \_\_\_s.  The number before/ after \_\_\_\_ when counting forwards/ backwards in \_\_\_s is \_\_\_.  I can partition \_\_\_\_ into \_\_\_\_ and \_\_\_\_ to help count through zero.  Greater numbers are to the \_\_\_of smaller numbers on a number line. Positive numbers are \_\_\_ than negative numbers.  Ascending/descending order means ordering from \_\_\_ to \_\_\_.  The distance from \_\_\_ to zero is \_\_\_.  The distance from zero to \_\_\_\_ is \_\_\_\_. So the difference between \_\_\_ and \_\_\_\_ is \_\_\_\_. | |
| **Concrete, Pictorial, Abstract Models/ Calculations** | | | |