**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.
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| **Key Vocabulary****New Vocabulary:**Factorise, prime factor, formuladivisibility, 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**  |