**Maths Medium Term Planning**

Year Group: 5 Term: Autumn

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| Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 |
| **Number – Place Value**  Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit  Count forwards or backwards in 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 up to 1000 (M) and recognise years written in Roman numerals | | | **Number – Addition and Subtraction**  Add and subtract numbers mentally with increasingly large numbers  Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)  Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy  Solve addition and subtraction multi-step problems in contexts deciding which operations and methods to use and why | | **Statistics**  Solve comparison, sum and difference problems using information presented in a line graph  Complete, read and interpret information in tables including timetables | | **Number - Multiplication and Division**  Multiply and divide numbers mentally drawing upon known facts  Multiply and divide whole numbers by 10, 100 and 1000  Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers  Recognise and use square numbers and cube numbers and the notation for both  Solve problems involving multiplication and division including using knowledge of factors and multiples, squares and cubes  Know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers  Establish whether a number up to 100 if prime and recall prime numbers up to 19 | | **Measurement – Perimeter and Area**  Measure and calculate the perimeter of composite rectilinear shapes in cm and m  Calculate and compare the area of rectangles (including squares) and including standard units, cm2, m2  Estimate the area of irregular shapes | | Consolidation and assessment week |