**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 digitCount forwards or backwards in powers of 10 for any given number up to 1,000,000Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers including through zeroRound any number up to 1,000,000 to the nearest 10, 100, 1000, 10,000 and 100,000Solve number problems and practical problems that involve all of the aboveRead 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 numbersAdd 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 accuracySolve 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 graphComplete, read and interpret information in tables including timetables | **Number - Multiplication and Division**Multiply and divide numbers mentally drawing upon known factsMultiply and divide whole numbers by 10, 100 and 1000Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbersRecognise and use square numbers and cube numbers and the notation for bothSolve problems involving multiplication and division including using knowledge of factors and multiples, squares and cubesKnow and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbersEstablish 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 mCalculate and compare the area of rectangles (including squares) and including standard units, cm2, m2Estimate the area of irregular shapes | Consolidation and assessment week |