**Maths Medium-term planning**

**Autumn Term 1 Eagle Class**

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| **W.C.** | **Area of Teaching** | **Main Learning Intentions** |
| 01/09/21  06/09/21 | Place value | * PRE TEST * To read and write numbers to at least to 10,000,000 * To determine the value of each digit in numbers to 10,000,000 * To order and compare numbers at least to 10,000,000 and determine the value of each digit. * To round any whole number to a required degree of accuracy. * To use negative numbers in context, and calculate intervals across zero.   POST TEST |
| 13/09/21 | Calculating with addition and subtraction | * PRE TEST * To revise standard written methods for addition and subtraction * To perform mental calculations, including with mixed operations and large numbers * To use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy. * To solve addition and subtraction multi-step problems in contexts deciding which operations and methods to use and why * POST TEST |
| 20/09/21 | Multiples and Prime Numbers | * PRE TEST * To identify factors and multiples, including all factor pairs of a number and common factors of two numbers * To identify common factors, common multiples and prime numbers. * To identify prime numbers * POST TEST |
| 27/09/21  04/10/21 | Multiplication and Division | * PRE TEST * Round 4-digit numbers to the nearest 100 to make approximations. * Use short multiplication to multiply 4-digit numbers by single-digit numbers. * To multiply multi-digit numbers up to four digits by a 2 digit number using formal written method of long multiplication * To use estimation to check answers to calculations and determine, in the context of the problem, an appropriate degree of accuracy * To divide numbers up to 4 digits by a 2 digit whole number using the formal written method of long division and interpret remainders as a whole number remainder, fraction remainder or decimal remainder * POST TEST |
| 11/10/21 | Fractions | * PRE TEST * To simplify fractions * To compare and order fractions * To estimate fractions on a number line * To add and subtract fractions * POST TEST |