**Maths Medium-term planning**

**Autumn Term 1 Eagle Class**

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| **W.C.** | **Area of Teaching** | **Main Learning Intentions** |
| 01/09/2106/09/21 | 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
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| 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
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| 27/09/2104/10/21 | 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
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| 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
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