MULTIPLICATION & DIVISION - YEAR 5

*By the end of this year I will be able to:*

\* identify multiples and factors, including finding all factor pairs of a numbers and common factors of two numbers

\*know and use the vocabulary of prime numbers, prime factors, composite numbers

\*establish whether a number up to 100 is a prime

\*know all prime numbers up to 19

\*recognise square and cube numbers and the notation for these

\*multiply numbers with up to 4 digits by a one digit or 2 digit number, using formal written methods

\*multiply and divide numbers mentally using know facts

\*divide numbers up to four digits by a one digit number using the formal written method, interpreting remainders appropriately

\*Multiply and divide whole numbers- and those involving decimals- by 10, 100 or 1000

\*solve problems involving multiplication and division using knowledge of factors, multiples, squares and cubes

\* solve problems involving a four number operations- and combinations of these – understanding the meaning of the equals (=) sign