Key Stage 1 Maths - Number

YEAR 1

NUMBER
- ❖ count to and across 100, forwards and backwards
- ❖ count, read and write numbers to 100
- ❖ count in multiples of twos, fives and tens
- ❖ identify one more and one less from a given number
- ❖ identify and represent numbers using objects & pictures
- ❖ use the language of: equal to, more than, less than (fewer), most, least
- ❖ read and write numbers from 1 to 20 in words
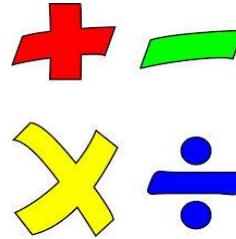
CALCULATIONS (+, -, x and ÷)
- ❖ read, write and interpret mathematical statements involving addition, subtraction and equals signs
- ❖ represent and use number bonds to 20
- ❖ solve one-step problems using objects & pictures and missing number problems such as 7 = − 9.
- ❖ solve one-step problems involving multiplication and division, using objects & pictures and arrays with the support of the teacher.

FRACTIONS
- ❖ Find, name and recognise a half
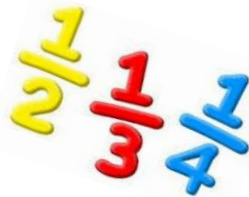- ❖ Find, name and recognise a quarter

18 < 27
27 > 18

YEAR 2

NUMBER
- ❖ count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward
- ❖ recognise the place value of each digit in a two-digit number (tens, ones)
- ❖ identify, represent and estimate numbers using different representations, including the number line
- ❖ compare and order numbers from 0 up to 100; use <, > and = signs
- ❖ read and write numbers to at least 100 in numerals and in words
- ❖ use place value and number facts to solve problems.

CALCULATIONS (+, -, x and ÷)
- ❖ recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100
- ❖ add and subtract numbers using objects, pictures and mentally, including:
  - a two-digit number and ones
  - a two-digit number and tens
  - two two-digit numbers
  - adding three one-digit numbers
- ❖ show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot
- ❖ recognise and use the inverse relationship between addition and subtraction: use this to check calculations and solve missing number problems.
- ❖ recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers
- ❖ calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs
- ❖ show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot
- ❖ solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.

FRACTIONS
- ❖ recognise, find, name and write fractions ⅓, ¼, 2/4 and ¾ of a length, shape, set of objects or quantity
- ❖ write simple fractions for example, ½ of 6 = 3 and recognise the equivalence of 2/4 and ½