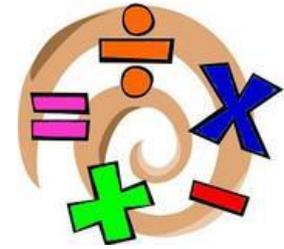




Number and calculations



By the end of Year 2.....

To know and use numbers:

- ✓ I can count in steps of 2, 3 and 5 from 0.
- ✓ I can count in steps of 2, 3 and 5 from any number.
- ✓ I can count in tens from any number, forwards or backwards.
- ✓ I can identify, represent and estimate numbers using different representations, including the number line.
- ✓ I can read and write numbers from 1 to 20 and then to at least 100 in numerals and in words.
- ✓ I can compare and order numbers from 0 to 100.
- ✓ I can use $<$, $>$ and $=$ signs.
- ✓ I can recognise the place value of each digit in a two-digit number (tens, ones).
- ✓ I can use place value and number facts to solve problems.
- ✓ I am able to identify the starting point in a problem.
- ✓ I can recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.

To add and subtract:

- ✓ I can + and - two-digit number and ones. (using concrete objects, pictorial representations and mentally)
- ✓ I can + and - a two-digit number and tens. (using concrete objects, pictorial representations and mentally)
- ✓ I can + and - two two-digit numbers. (using concrete objects, pictorial representations and mentally)
- ✓ I can add three one-digit numbers. (using concrete objects, pictorial representations and mentally)
- ✓ I understand that two numbers can be added in any order but subtraction of one number from another cannot.
- ✓ I can solve one-step problems with addition and subtraction, using concrete objects and pictorial representations including those involving numbers, quantities and measures.
- ✓ I can solve one-step problems using +, - and = signs.
- ✓ I can recognise and use the inverse relationship between addition and subtraction and use this to check calculations.

To multiply and divide:

- ✓ I can recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables.
- ✓ I can recognise odd and even numbers.
- ✓ I can calculate mathematical statements for multiplication and division.
- ✓ I can use the signs \times , \div , $=$ correctly.
- ✓ I understand that multiplication of two numbers can be done in any order and division of one number by another cannot.
- ✓ I can solve one-step problems involving multiplication and division using known facts.
- ✓ I can apply known multiplication facts to check the accuracy of calculations.

To use fractions:

- ✓ I can write simple fractions, e.g. $\frac{1}{2}$, $\frac{1}{4}$, and $\frac{1}{2}$ of $6 = 3$
- ✓ I can recognise, find, name and write $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$, and $\frac{3}{4}$ of a length, shape, set of objects or quantity.
- ✓ I can recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$ as a decimal and a percentage.