Alton Infant Year 1 Maths Glossary

School equipment used in school:

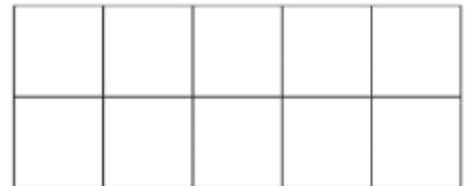**Tens and ones**

100 square (Number grid)

Penguins on Ice

Numicon

Ten Frame

Bead string
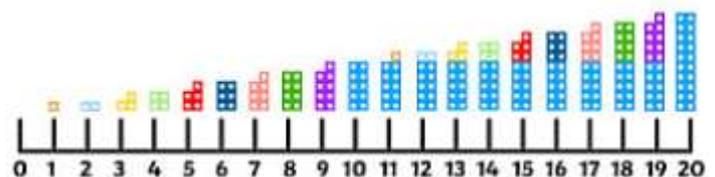
Number line
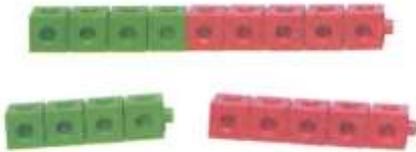
Multilink

Strategies we use:

Whole part model

30

10   20

Bar model

20	
12	8

+20   +5   +4

35   55   60 64

Blank number line

35   64 -1 65
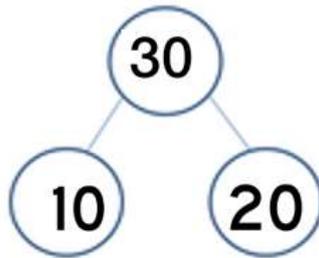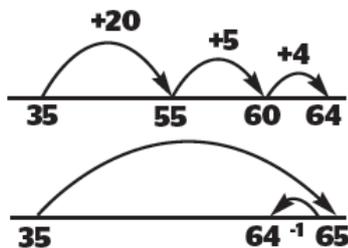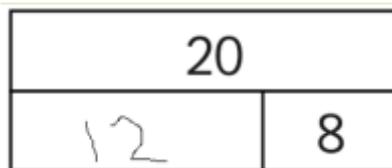
Array (Multiplication and repeated addition)

Muddles the APE – Answer, Prove it and Explain it

Concrete: Using apparatus (Numicon, tens and ones, bead string etc…)

Pictorial: Drawing pictures, tens and ones, mark making

Maths vocabulary used in class.

Sum - Means add

Total - Means add

Plus - Means add

Altogether - Means add

APE - To answer the question, to prove how you got the

answer and then to explain how you know it is the

answer.

Division - Sharing equally into groups

Equals - To balance, same both sides

Difference - Subtract (or count on from smaller number to 'find the difference').

Partition - Splitting a number in tens and ones

Inverse - Opposite calculations   Eg. 3 + 7 = 10 so 10 − 3 = 7

Eg. 2 x 5 = 10 so 10 ÷ 2 = 5

Calculate - Means work it out

Calculation - Means use one of the 4 operations to create number

sentences + - x or ÷

Operation - Add, subtract, multiply or divide. These are the 4 main operations in maths.

Number sentence - e.g. 4 + 6 = 10 or 17 – 3 = 14 or 5 X 5 = 25

Digit - A number is made up of digits. 25 has 2 digits.

Multiple - A number in a particular times table e.g. 50 is a multiple of 10 as it is in your 10 x table.
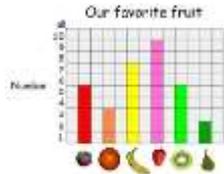
Fraction - Part of a whole

Array - A pictorial representation of a multiplication or repeated addition.

eg. 6 x 4 or 4 x 6

Block graph - A simple bar graph made from blocks

Our favorite fruit

Pictogram - A graph where picture represent the data. For example if recording eye colour you could draw coloured eyes to pile up to make a graph. You can also extend the task by one car on the graph representing 2 cars in real life, so half a car on the graph would equal one real car.

Capacity - The maximum amount that can be contained in a container (full, half full, quarter full, empty, over flowing etc..)

Estimate - Using known facts to guess what the answer could be.