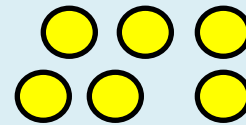


Maths News

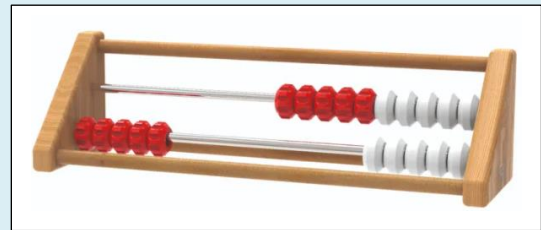
Alongside our usual maths lessons, all the children are gaining further experience of essential number skills through 'Mastering Number' sessions. We thought you might like to know some of the maths vocabulary and resources the children are using in class to support the learning of number facts...

Subitise - the ability to instantaneously recognise the number of objects in a small group without the need to count them.

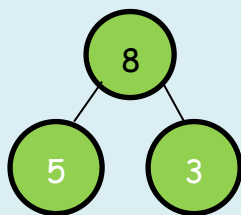
The children are encouraged to look for parts within a number. E.g. "There are 6 spots because I can see 4 and 2." Another child may see 3 and 3. In Year R they use their 'fast eyes'.



Rekenrek - This is like an abacus children use to show various number facts.



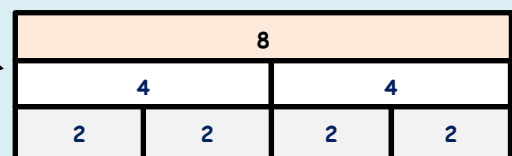
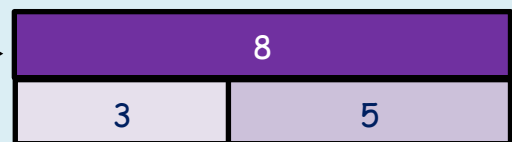
We start by saying 'Reds are Ready' to make sure the beads are on the right and then they are encouraged to slide a number of beads across in one push, so 7 would be 5 red and 2 white, using our knowledge of number facts and subitising. They could also show 7 as a 4 and a 3 using beads on the top and bottom rows.



Part Part Whole Model (otherwise known as a Cherry diagram/model).

This is used to position different numbers that are related to one another. For example "8 can be **split** (partitioned) into 5 and 3. 5 and 3 **combine** to make 8." We can also say $8 - 3 = 5$ or $8 - 5 = 3$.

A **Bar Model** also shows the parts that make a whole, both models can be filled with physical objects or pictures to represent the amounts. Bar and Cherry diagrams could also be split into more than two parts (this is particularly useful when looking at fractions in Year 2).



Stem Sentences The children are encouraged to repeat phrases or number sentences to consolidate their learning.