

Numicon

The power of Numicon

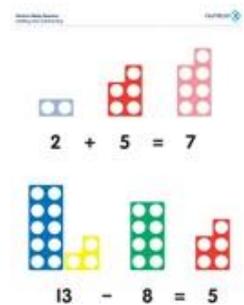
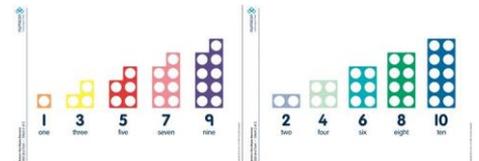
Numicon aims to help expand the children's mathematical concept of numbers. When thinking of a number, for example 'five', this could be five sweets, 5live radio station, the numeral 5 and we also talk about 'half of ten', 'one more than four' and '2+3'. Numicon aims to help children develop rich concept images for numbers and make connections between these numbers. This does not replace the use of other mathematical resources (number lines, counters, numerals, counting experiences, words) but broadens their number concept images.

For your child

As part of the school's drive to provide children with as many opportunities to learn and develop in mathematics, all children in Reception and Key Stage One are receiving 1-10 Numicon pieces for you to keep at home. Numicon is a powerful tool that we have been using at school and all children enjoy using it to support their maths learning with proven results.

Some ideas for using Numicon at home for Year 1 or 2

- Putting the numbers in order from 1-10 and get your child to close their eyes and switch some pieces over - can they see what's changed? **Year 1**
- Sorting into odd and evens (noticing that odd numbers have an extra bit) **Year 1**
- Making number bonds to 5, 10 (7+3) **Year 1 and 2**
- Using the shapes for adding and taking away - place pieces together for adding or overlap a smaller piece on top of a larger piece to work out the difference **Year 1 and 2**
- Use a feely bag - place the pieces inside a bag and using touch, pick the shapes out - what number have you got? How do you know? Can you find a shape that is more? **Year 1 and 2**
- Drawing around the shapes and using them for times-tables and repeated addition. Change the value of the holes, each hole is 2, then a 2 becomes a 4? **Year 1 and 2**
- Changing the place value of the numbers eg. If the 1 is instead 10? Or 100? **Year 2**



Please see the Numicon website for other ideas and printable resources to support the learning at home.
[https://global.oup.com/education/content/primary/series/numicon/;jsessionid=8E92FAFB7F806F4037BB
CAE32618B7FD?region=uk](https://global.oup.com/education/content/primary/series/numicon/;jsessionid=8E92FAFB7F806F4037BBCAE32618B7FD?region=uk)

Please speak to your class teacher, Clare Fall or come and see me (Daniela) if you have any questions about how to use this at home.

Thanks

Daniela Rader
Key Stage One Leader

