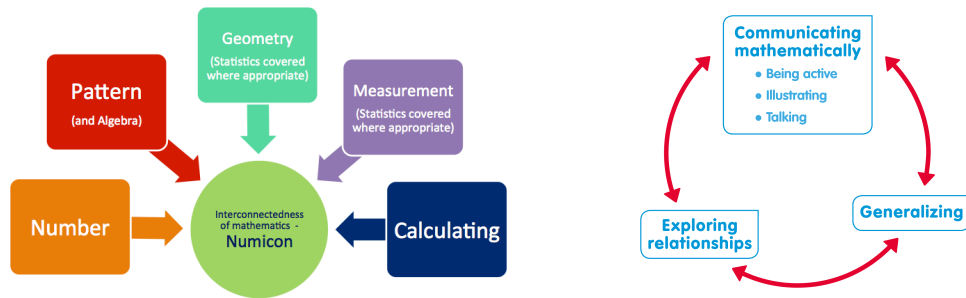


What is Numicon?

The Numicon Approach – overarching Number, Pattern and Calculating (NPC) plus Geometry, Measurement and Statistics (GMS)



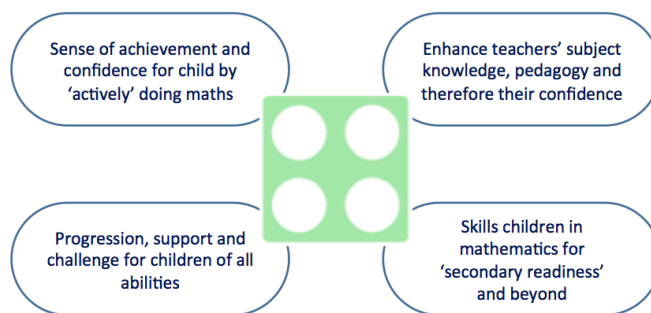
What doing mathematics demands of children?

Thinking and communicating about abstract objects and their relationships
Mathematics deals in generalisations

How using Numicon helps children meet these unique demands

Children have to know and use the relationships of numbers to generalise and reason
In using children’s actions and imagery, prepare their use of mathematical symbols in their thinking and communicating
Provide children with a ‘picture’ or representation of numbers based in patterns that assist with generalising and what can be done with them.
Doing Mathematics is solving problems

What Numicon can do to make a difference



Points covered during the course relating to the programme:

- Planning and Assessment with Numicon
- Multisensory approach
- Plenty of activities throughout, relevant to the strand focus and NPD stages
- Low threshold/ high ceiling activities
- Explicit reference to the teaching support materials and activity groups in the Teaching Resource Handbook
- Use of the Implementation Guides to support staff/ schools
- Opportunities to use a variety of equipment
- Research has shown that this approach works well for all students