

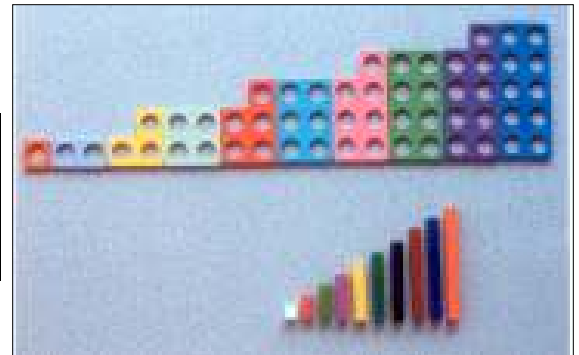


Can 'see' and 'feel' the concept

Excellent for remediation and for children with learning difficulties-  
 they are mostly visual and kinaesthetic learners:

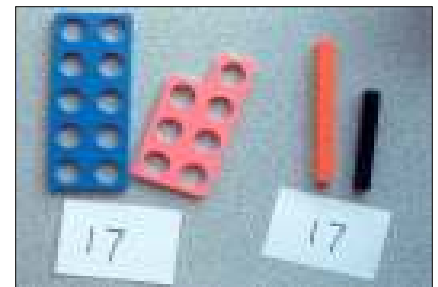
- Down syndrome
- Autism, including Asperger's syndrome
- Dyslexia
- Dyscalculia
- Vision impaired
- Gifted children with learning issues

Visual patterns help children connect their concept images,  
 to have insights into mathematical understandings



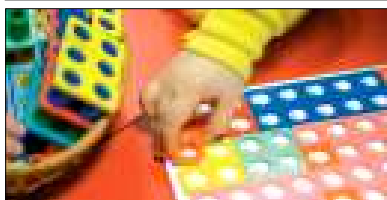
**Numicon is different!**

- Representational
- Can 'see' relationships
- Multi-sensory -
- Maths without counting
- Sequential
- Problem solving
- Strong imagery
- Positive attitudes
- Rewarding
- Effective
- Proven through research and practice



**Characteristics of the teaching activities**

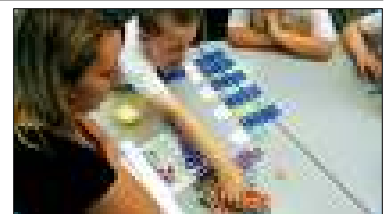
- Meaningful contexts
- Playful with challenge
- Obvious in their correctness and compel to self correction
- Interaction with others which help children to relate their experiences to others and reinforce what is being learned
- Sequential, explicit lesson structure and easy to follow lesson plans with step-by-step illustrations



Materials are colourful and fun



Child's progress and thinking is clear



Number and word cards

## Firm Foundations - The starting point for all learners

- Learning the patterns and gaining 'number sense'
- Using the patterns in applied arithmetic
- Addition and Subtraction

**Closing the Gap** is the same programme but written with very small steps and greater support for children with special needs.

**1st Steps**- a programme for home to support learning at school, or for children learning at the preschool level at home



**Kit One**



**Kit Two**



- Using Pattern to see effects of addition and subtraction and beginnings of algebra
- Numbers and the Number system to 100
- Calculating with numbers to 100-
- Addition
- Subtraction
- Money



- Using Pattern to see effects of multiplication and division and development of algebra
- Numbers and the Number system to 100
- Calculating with numbers to 100-
- Multiplication and Division
- Time



### Conversion Packs- Plus Packs

### Accessories

#### Firm Foundation



Kit One



Kit Two



Software for interactive whiteboard



Bag of shapes



Big Book



Pan Balance

### Further Information

- Kits come in two sizes- Group (for up to 6 children) or one-to-one, except for 1st Steps
- Children with Special needs take 2-3 years to complete each level
- Replacement materials and extra parts can be ordered
- A class set of The Bag of shapes works well with a class while using the interactive whiteboard
- The Numicon pieces are weighted allowing use of a pan balance and a natural link to understanding measurement
- A training DVD is available to purchase
- Support CD's include photos of shapes, activity sheets, templates and printable games to accompany each level

Ask about funding from charities

Purchase on line at:  
**[www.numicon.co.nz](http://www.numicon.co.nz)**

**Margi Leech (64 9) 520 4022 0800 678 581**  
**[margi@numicon.co.nz](mailto:margi@numicon.co.nz)**

### Testimonials

- *"We were really floundering until we began working with Numicon"*
- *"My student has made more progress in these five weeks than he did with five weeks on a regular programme"*
- *"It is the highlight of my student's day!"*
- *"Planning is so easy now."*
- *"What I have learned in teaching my student using Numicon, has carried over into other subject areas- the small steps."*
- *"We were amazed at the success of Numicon in our remedial programme. The knowledge stayed with the children and they were able to take it back into their regular programme with confidence!"*
- *"The training course really helped me gain better understanding of the programme and the decision to implement it as our Junior Maths curriculum."*