## Comments from teachers

"Numicon is a highly visual resource which can be used to explain 'abstract' concepts in a clear way."

## Jayne Evans, Yarm Primary

"I would just like to say how valuable the Numicon products have been to me as a Teaching Assistant in Year 1. We purchased a pack of Numicon shapes, pegs, large numberline and a small table numberline from the Education Show. My SEN group have suddenly understood addition and number bonds. Higher ability groups have been able to sort the shapes into odd and even just by looking at them."

## Nikki Horobin

"Numicon is definatly a brilliant programme for all levels of children"

## Shahana Begum

"The children I am using Numicon with are loving it \& it quickly became apparent how much they were benefiting from using it."

Sarah Hyland

## Comments from children

"I used to be bad at maths, now it's my best"
"I like it 'cos I can see patterns in the numbers"
"Our children write a self-assessment as part of their annual report, this year several commented 'l am good at maths'. This is a welcome change since they have been using Numicon"

## Cambridge LA Trials

During 2006-7 Cambridge LA conducted trials in the use of Numicon in the form of 10-week Wave 3 interventions. The reported results, summarised in the table opposite, show notable progress for the vast majority, together with greatly improved mathematical self-confidence in the children.

It should be noted from the results that striking gains are being made in fundamental aspects of calculation by children who had hitherto come to regard themselves as failures. The combination of a new self-confidence and an understanding of very basic number ideas is providing these children with the best possible platform for their future success.

Overall results, all 8 Cambridge schools (2006-07)

Able to count numbers from 1-10 Able to count numbers from 11-20 Able to count beyond 20 Able to count 2 objects on 2 occasions Able to count 5 objects on 2 occasions Able to count 9 objects on 2 occasions Able to count 11 objects on 2 occasions Able to identify an even number Able to identify an odd number Shows an understanding of 1 more Shows an understaning of 1 less Shows an understaning of 2 more Shows an understaning of 2 less Shows an understanding of 10 more Shows an understaning of " 10 less" Able to add two groups of objects smaller than 10 Can subtract groups of objects under 5 Can subtract groups of objects under 10 Can subtract groups of objects under 20 Can count on using numbers under 5 Can count on using numbers under 10 Can count on using numbers under 20 Able to multiply 2 groups of 5 Able to multiply 3 groups of 2
Able to multiply 3 groups of 4 Able to share 6 pegs into groups of 2 Able to share 6 pegs into groups of 3 Able to share 10 pegs into groups of 2 Able to read simple addition calculation numbers under 5 Able to complete addition with numbers under 5 Able to read simple addition calculation numbers under 10 Able to complete addition with numbers under 10

Able to read simple subtraction calculation Able to complete subtraction with numbers under 5 Able to read simple subtraction calculation (under 10 ) Able to complete subtraction with numbers under 10 Able to read simple subtraction calculation (under 20) Able to complete subtraction with numbers under 20

Able to read simple multiplication calculation Able to complete multiplication with numbers under 5

Able to read simple division calculation Able to complete division with numbers under 10 Able to state the double of 5 Able to state the double of 4 Able to state the half of 6 Able to state the half of 8 Able to make 10 using two smaller numbers Able to find another two numbers to make 10


