



Numicon Firm Foundations is a comprehensive teaching programme providing children with engaging activities through which they explore mathematical ideas every day, indoors and outdoors.

It is based on a proven approach to teaching and learning mathematics that builds deep understanding for every child, firmly placing the teacher as an exemplar mathematical communicator. It follows an inquiry approach with key opportunities for a balance of learning through play and structured learning.

2021 Revised Version
<ul style="list-style-type: none">• Firm Foundations - Print• Online subscription - as an extra or instead of the print version - includes videos and related files alongside text
Card hard cover
Sections in the book: <ul style="list-style-type: none">- The Numicon Approach- Using the Online subscription- Putting the approach into action- Activity Cards- Planning and Assessing- Photocopy Masters
Online Subscription includes: <ul style="list-style-type: none">- eBook version of the printed handbook with direct links to extra resources- Software to use with your computer or large screen- eBook of Numicon at the Seaside and activities- Bank of songs, stories, and videos- Visual references demonstrating exemplar classroom set-ups- Extra printable copy masters
Focus Activities: <ol style="list-style-type: none">1. Introducing Numicon shapes2. Ordering Numicon shapes3. Introducing Numicon shape patterns and number rods4. Linking Numicon shapes with numbers and ordering number rods5. Linking numerals with Numicon shapes and ordering number rods6. Finding how many by grouping, and teen numbers7. Adding with Numicon shapes8. Adding <i>ëone moreí</i>9. Subtracting - finding the <i>ëdifferenceí</i>10. Subtracting - taking away11. Doubling and halving12. Subtracting 1, connecting increase and decrease

13. Halving and sharing
14. How many more/fewer?
15. Adding - parts and wholes
16. Subtracting - parts and wholes
17. Connecting adding, subtracting and number lines
18. More teen numbers, adding and subtracting facts

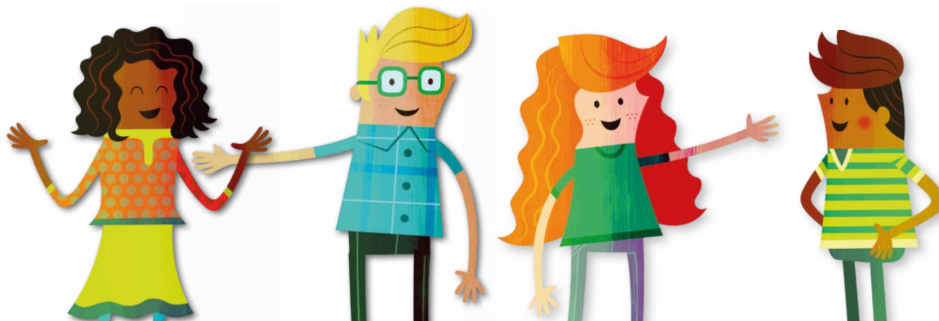
Sub-sections in each activity group:

- Introduction for the teacher including the teaching points, focus for the weeks, tips, and links to the Online Resources
- Watchpoints with advice
- Key Mathematical Ideas
- Communicating - words and terms
- Learning Opportunities
- Assessing points
- All doing Maths Together with Numicon
- Learning About Number patterns and relationships
- Exploring Maths all around us

Typical Activity Group over a two-week period

- An emphasis on children's learning including links to measurement and geometry. Links to Online resources
- Key Mathematical ideas with the Main Focus and Children Encountering Concepts
- Communicating - Model these words and terms, and listen for children using them in the same ways as you use them
- Learning Opportunities - to make, find, recognize, compare, use, and describe
- Assessment Opportunities - Look and listen for children who: recite, represent, compare, describe, devise, order, arrange and organize.

Firm Foundations Assessment Record of Achievement



Book a zoom conversation or visit with your consultant

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