

Welcome to Numicon!

Firm Foundations

Printed version - Tips to getting started:

Go to page inside the cover to read how to get started and a list of apparatus used at this level. The contents are listed on the opposite page.

Section 1 *(Take time to read this section often and discuss it with your colleagues.)*

Chapter 1 – Introducing Numicon

Chapter 2 - Key mathematical ideas. You will refer to this section often in your planning stage.

Chapter 3 - Putting the Numicon Approach into practice by:

- Creating a number rich environment
- Foundation activities
- Teaching approaches
- Planning assessment
- Training

Take note:

- Creating a rich mathematical environment – files are available [at this link](#) and on Oxford Owl
- FF follows a 'Learning Through Play' pedagogy for early childhood and New Entrants (Year 0)

Section 2

Activity Cards – Follow the key on how to use these cards and utilise the features in your planning.

Activity Card Summary – FF 1a and 1b are designed to run alongside the other activities – parallel.

Follow the sequence for all the other cards beginning with 2a, 2b, ...

These cards are designed to be removed from the folder for easy planning and daily reference.

TIP: Pull on the middle rings to remove the cards to reduce the likelihood of warping the bottom ring. On each activity card, note: Key Mathematical ideas, the aim, the step-by-step instructions, related photos, language development and associated activities. You can add to this list. Assessment Opportunities are provided in each activity. These are found in the Assessment Tools in Section 3

Section 3

Assessment Tools

- Links are provided showing typical child development. These fit well with Te Whariki in NZ.
- Record of Progress. Photocopy this page for each child to record their progress. This can be included in their files for their next step on learning, whether to school or into Year 1

Section 4

Photocopy Masters – Further files are available on Numicon Online

Oxford Owl - Tips to getting started:

- Firm Foundations Teaching Folder – Use the 'Content' icon at the bottom of the screen to find the pages in the folder that match the sections described above.
- Numicon at the Seaside Big Book – The 'Play' icon is beside the text on each page to sing along
- Numicon at the Seaside Teaching Guide – Use the 'Content' icon to find the pages
- Firm Foundations Assessment Tracker – This is an xl file to download

Online files: Introductory videos, Capturing evidence for assessment, planning documents, charts mapping resources with learning goals, photocopy masters and additional resources.

Firm Foundations fits well with the New Zealand Curriculum for Years 0 and 1 with extra content from Numicon 1 which is linked in the online NZ version.