

## Numicon Intervention Programme

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The NIP programme can only be administered by those who have been trained to use it. Training is a three – four hour course.

This course would equip tutors in using this effective programme. The programme begins with a thorough assessment to find the attitude, secure knowledge and problem-solving strategies of the student, as well as the starting point for intervention. An introductory series of lessons are provided to build a safe place for learning and familiarise the students with the lesson format and the equipment. The following lessons are designed in 20 – 30 minute blocks with hands-on activities and follow-up activities at home and school. The programme is most effective when parents participate with these activities and games. At the end of the 15 + week period a further assessment is given to determine the progress and provide a clear place for discussion regarding any future support. The Intervention Programme takes children from Pre-level 1 of the NZ curriculum into Level 2.

The programme is written in a flexible way so that each tutor can determine how they wish to use the programme and at the pace best suited to their students and their school/centre.

The most effective use of intervention is with a group of 4 students over a 12-15 week period, but is not essential. RTLB, SLS and Speld tutors around NZ have reported using this programme with huge success and enjoyment. Tutors and teachers have reported that they gained a greater understanding of the mathematical concepts and terms, and a new confidence in their ability to help students. Their remarks during training show that this assessment and intervention is thorough and that we have nothing else like it in NZ.

Feedback from teachers and tutors both agree that they had no idea how far back they had to go in the children's understanding. In the past they had made assumptions about where the students were at. They didn't really appreciate how many of the foundations in their understanding were missing until they administered the assessment. It came as a surprise to many teachers that the children did not have a secure counting knowledge and how to apply what they did have to solve problems.

Equipment used for the programme:

- NIP manual- purchased as part of the training
- Closing the Gap (1:1 Kit)
- Kit 1 Conversion Pack
- Homework Intervention Resources Bundle

More information can be found on the website, [www.numicon.co.nz](http://www.numicon.co.nz)

*Christine, tutor from Auckland I would like to say how amazed I was at the issues uncovered when applying the Numicon Intervention Assessments to my students. Suddenly the reason these 10 year olds could not learn the times-tables or grasp the simplest of maths strategies became glaringly obvious. The very first set of questions immediately and clearly highlighted their needs. I was surprised at the gaps in basic counting that I had /assumed were secure and so had not actually taken into account when tutoring. Great programme!*