INTRODUCTION

The Ministry of Education developed this CD-ROM and booklet in response to the needs of teachers teaching numeracy strategies to Deaf and hearing-impaired students. Teachers from Kelston Deaf Education Centre and van Asch Deaf Education Centre worked together on this project. The result is a national resource for teachers working with Deaf and hearing-impaired students anywhere in New Zealand.

The signs in this lexicon are for terms used in levels 1–4 of the Numeracy Projects.

HOW TO USE THIS BOOKLET

This booklet accompanies the NZSL Maths Lexicon – Numeracy CD-ROM. It is intended as a quick reference to signs users have already encountered on the CD-ROM. The signs on the CD-ROM are grouped into categories. This booklet follows the order of the categories on the CD-ROM. The contents pages list all the signs alphabetically within their categories, so you may need to check the different categories to find a particular sign. However, the sign for a term such as Tens Column is listed under Column. A sign’s movement is indicated by arrows and other symbols. A key to these symbols is provided on the following page.

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The signers in the photographs in this booklet are Sheryl Allison (Kelston Deaf Education Centre) and Janet Stokes (van Asch Deaf Education Centre).
SYMBOLS KEY

- **Up**: 
- **Back & around**: 
- **Down**: 
- **Backward circular**: 
- **Right**: 
- **Point once**: 
- **Left (& stop)**: 
- **"O" shape once**: 
- **Circular**: 
- **Shake**: 
- **Forward (away from the signer)**: 
- **Double arrow (= repeat movement)**: 
- **Forward & down**: 
- **Forward & up**: 
- **Forward & right**: 
- **Forward & Left**: 
- **Forward & back**: 
- **Forward & around**: 
- **Forward circular**: 
- **Back (toward the signer)**: 
- **Back & down**: 
- **Back & up**: 
- **Back & right**: 
- **Back & left**: 
- **Back & forward**: 

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ADDITION AND SUBTRACTION

Add 1  Add 2  Addition

After 1  After 2

Basic facts  Before 1
Before 2

Between

Bigger

Count (one hand)

Count (two hands)

Count backwards 1

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Count down
MULTIPLICATION
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Altogether
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PROFESSIONAL
AND RELATED

Advanced Additive Part-Whole
Advanced Proportional Part-whole
One-to-one counting

Decrease

Single digit

Double digit
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Equals

Equation

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Order

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Pattern 1
Simplify

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Written form