



Using Maths Aotearoa and Wilkie Way to deliver the refreshed New Zealand Curriculum

The Maths Aotearoa teacher book 1A is set out in 4 units providing a sequenced approach to developing key number knowledge, skills and concepts. No progress steps are given for statistics in year 1 but sorting and classify are the most fundamental skills for working with numbers, shapes and category data. It is the first element of unit 1 in the book 1A. It provides for rich language development opportunities and the need to count.

Maths Aotearoa teacher books and activity cards are available from edify.co.nz

Wilkie Way members also have access to Professional Resources on the teaching of statistical thinking

Phase 1: Year 1

Understand: (big ideas)	Do (practices)
<ul style="list-style-type: none"> Maths is about seeking patterns Maths is about change and variation Maths involves reasoning - from observations Maths develops within different cultures Maths is created by humans and therefore has a history and continues to evolve. 	Students will have learning opportunities, and be guided to: <ul style="list-style-type: none"> Investigate situations Represent situations Connect situations Generalise findings Explain and justify findings

Know: Context of Statistics

Maths Literacy Development

- Assistance with adjectives to emphasise visual same and different
- Counting Words
- Assistance with creating and interpreting visual displays

Concepts being developed	Key knowledge being developed
<ul style="list-style-type: none"> Attribute identification Relationships One to one counting 	<ul style="list-style-type: none"> Colours (English & Te reo Maori) Language of visual attributes

Maths Aotearoa Book 1A

Unit 1: Making Sense of Small Numbers	Support Material available from Wilkie Way website wilkieWAY.co.nz : membership area (subscription)	
Element 1 Sorting and Matching <ul style="list-style-type: none"> Describe their criteria for sorting Use a relationship arrow to record a relationship between objects or events Interpret a non-uniform pictograph as a category data display Use developing counting skills 	Maths Aotearoa Activity Cards Activity Cards 1 - 3 BLM 1 - 4	Teacher Professional Resources Curriculum Knowledge Statistics Pocket Guide: Beginning Statistical Thinking Students Resources Sorting & Matching