



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

Progress outcomes for year 6 are more specific and work in year 4 and 5, through books 2B and 3A have provided foundational work to achieve the progress outcomes.

Each chapter is linked to further learning opportunities in Figure it Out

**Maths Aotearoa teacher books and student books are available from [edify.co.nz](http://edify.co.nz)**

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

## Phase 2: Year 6

### Understand: (big ideas)

- Use maths to seek and understand patterns and relationships
- Use maths to work with and make sense of change and variation
- Use maths logic & reasoning to explain relationships and justify conclusions
- Make use of different cultural views and ideas about mathematics
- Embrace the history and evolution of mathematics

### Do (practices)

Students will have learning opportunities to:

- Investigate situations
- Represent situations
- Connect situations
- Generalise findings
- Explain and justify findings

### Know: Context of Probability

#### Maths Literacy Development

- Assistance with learning to use vocabulary of chance
- Assistance with reading & understanding math texts involving probability concepts.

#### Concepts being developed

- Proportional Ideas
- Role of chance in decision making
- Equality or inequality
- Certainty or uncertainty

#### Key knowledge being developed

- Know simple equivalent fractions
- Know simple percentages
- Convert between percentages and fractions

### Maths Aotearoa Book 3B

Support Material available from Wilkie Way website  
[wilkieWAY.co.nz](http://wilkieWAY.co.nz): membership area (subscription)

#### Unit 11: Probability

##### Chapter 28 Probability

- From investigative activities/games identify the likelihood of the outcome
- Collect and record data to answer chance based investigative questions
- Express the likelihood of an outcome as a fraction and/or a percentage
- Compare findings with those of others
- Compare experimental results with expected outcomes
- Use tree diagrams as a tool to find all possible outcomes

#### Teacher Professional Resources:

##### Curriculum Knowledge:

##### Statistics

Pocket Guide: Further Developing Statistical Thinking

##### Moderation

Statistical Thinking Progressions Signposts 3 - 6