



Wilkie Way Members Resource Guide

Maths Aotearoa Practice Workbooks



Student Resources - Activities, Problems, Worksheets & Games



Dice & Counter Games



Maths Aotearoa Practice Workbooks



Click on the Book number to find the workbooks directly linked to the Maths Aotearoa Books
(These workbooks can be used to supplement any programme of work)

(Year 1) Book 1A - Number Workbooks 1 - 12
Measurement Workbooks - Capacity, Length, Mass & Time

(Year 2) Book 1B - Number Workbooks 13 - 25

Year 3) Book 2A - Number Workbooks 1 - 13

(Year 4) Book 2B - Number Workbooks 14 - 26

(Year 5) Book 3A - Number Workbooks 1 - 8

(Year 6) Book 3B - Number Workbooks 9 - 16

(Year 7) Book 4A - Number Workbooks 1 - 6

(Year 8) Book 4B - Number Workbooks 7 - 11

Planned for 2025:

Additional workbooks for Books 3B and 4A

Weekly Maintenance for Books 2A through to 4B

Numbers & The Number System

Clicking on the heading of the section (dark blue box) will open a link to all the subsequent folders and any additional material not directly linked to a particular phase.

- Wilkie Way Place Value Progression
- Assessment rubric for place value
- Place Value: The heart of the system (powerpoint)

Phase One

Phase Two

Phase Three

Numbers to 10

Basic Facts Pattern

Building Numbers

2 digit numbers
3 digit numbers
4 digit numbers

Explicit Teacher Activities

Place Value lessons
Place Value Trains

Independent Activities

Material Resources

Digit cards
Number Cards to 100
PV Houses
PV Money
Hundred Square

Numbers to 10

(See last column)

Place Value Games

Place Value problems

Sequencing & Ordering

Sequencing to 10
2 digit
3 digit
4 digit

Teen/Ty Resources

Material Resources

Digit Cards
PV Houses
PV Money
Bead Frames
Decimats

PV problems

Working with Decimals

PV Problems

Beginning to Sequence

(video lesson)

Sequencing to 10

Count to 5

Dice Cards

Games

Match Numbers 1 - 6

1 - 10 Posters (Bi-lingual)

Writing Numerals

Doubles Tens Frames

Learning to Count teacher notes

Number Development Rubric

Add & Subtract

Clicking on the heading of the section (dark blue box) will open a link to all the subsequent folders and any additional material not directly linked to a particular phase.

- Addition & Subtraction Maths Aotearoa Sequence
- Assessment Rubric - Addition & Subtraction
- Te Mātaiaho Curriculum Addition & Subtraction Progression
- Wilkie Way Addition & Subtraction Progressions and Connections
- Teaching and Learning Basic Facts (Powerpoint)

Phase One

Learning to Count

Same folders as found in numbers to 10

Counting to Add and Subtract

Exploring numbers to 10
Joining & partitioning
Number sentences
Picture stories
Teachers notes - Using counting to add and subtract

Add and Subtract without counting

Teacher guide
Word problems
Vertical format

Dice & Counter Games

Word Problems (Year 1)

Word Problems (Year 2)

Word Problems (Year 3)

Phase Two

Developing Efficiency with addition and subtraction calculations

Games

Word Problems (Year 4 & 5)

Word Problems (Year 5 & 6)

Phase Three

Learning Support

Word Problems

Game - Poison 18

Basic Facts

Teaching & Learning Basic Facts

10+ practice

Doubles

Facts for 5

Facts for 6

Facts for 7

Facts for 8

Facts for 9

Facts for 10

Facts to 20

Facts for 3 & 4

Multiply & Divide

Clicking on the heading of the section (dark blue box) will open a link to all the subsequent folders and any additional material not directly linked to a particular phase.

- Multiplication & Division Maths Aotearoa Sequence
- Assessment Rubric - Multiplication & Division
- Te Mātaiaho Curriculum Multiplication & Division Progression
- Wilkie Way Multiplication & Division Progressions and Connections
- Teaching and Learning Basic Facts (Powerpoint)

Phase One

Doubles

Games

Multiply & Divide by 2
Multiply & Divide by 3
Multiply & Divide by 5
Multiply & Divide by 10
Skip Counting

Word Problems (Year 1 & 2)

Word Problems (Year 3)

Phase Two

Games

Multiply & Divide by 4
Multiply & Divide by 6
Multiply & Divide by 7
Multiply & Divide by 8
Multiply & Divide by 9
Multiply & Divide by 11
Multiply & Divide by 12
Division Practice
Multiplication Practice

Word Problems (Year 4 & 5)

Word Problems (Year 5 & 6)

Multiplicative Task Going to camp

Phase Three

Games

Division Practice
Multiplication Practice

Learning Support

Word Problems (Year 7 & 8)

Working with decimals

Basic Facts

Practice Games

Multiply & Divide by 2
Multiply & Divide by 3
Multiply & Divide by 4
Multiply & Divide by 5
Multiply & Divide by 6
Multiply & Divide by 7
Multiply & Divide by 8
Multiply & Divide by 9
Multiply & Divide by 10
Multiply & Divide by 11
Multiply & Divide by 12

Maths Gym

A series of workbooks with a coaching session, warm up, workout and cool down to assist students to build knowledge and understanding of the multiplication tables in a structured sequence.

1. Understanding arrays
2. Two Times Table
3. Ten Times Table
4. Five Times Table
5. Exploring Division
6. Doubling x 4 x 8
7. Three Times table
8. Nine Times Table
9. Doubling x6 x 12
10. Seven Times Table

Agility Course 1 (2s, 5s, 10)

Agility Course 2 (All other tables)

Fractions Decimals & Percentages

Clicking on the heading of the section (dark blue box) will open a link to all the subsequent folders and any additional material not directly linked to a particular phase.

- Wilkie Way Fractions progressions
- Fractions and the learning progressions (Powerpoint)

Phase One

Phase Two

Phase Three

Posters

Fraction Cards

Fractions of Shapes (regions)

Halves

Halves & Quarters

Thirds & Fifths

Unit Fractions: name, compare & order

Fractions of a Number

Half

Quarter

Thirds & Fifths

Unit fractions

Fraction Problems

Making Fractions

Fractions Progression

(Phase 1)

Decimals

Equivalence & Comparison

Fractions of a Numbers

Fraction Problems

Fraction Resources

Mixed Numbers & Improper Fractions

Percentages

Proportions & Ratios

Add & Subtract Fractions

Word Problems (Year 7 & 8)

Ratio, Proportions and Percentage

Working with Decimals

Fractions Ruler

Halves

Quarters

Thirds

Fifths

Tenths

Algebra

Clicking on the heading of the section (dark blue box) will open a link to all the subsequent folders and any additional material not directly linked to a particular phase.

- Te Mātaiaho Curriculum Algebra Progression

Phase One

Equality

Exploring numbers to 10

Number Challenges

Patterns

Patterns & Relationships

Symbols & Expressions

Phase Two

Challenges

Word Problems

Challenges

Word Problems

Challenges

Word Problems

Phase Three

Challenges

Word Problems

Challenges

Word Problems

Challenges

Word Problems

Financial Maths

Clicking on the heading of the section (dark blue box) will open a link to all the subsequent folders and any additional material not directly linked to a particular phase.

Phase One

Activity Cards

NZ Currency

Worksheets

Phase Two

Games

Money Problems

Worksheets

Money Workbook 1

Money Workbook 2

Money Workbook 3

Teacher Notes for workbooks 1 - 3

Phase Three

Money Workbook 4

Money Workbook 5

Money Workbook 6

Teacher Notes for workbooks 4 - 6

Measure

Clicking on the heading of the section (dark blue box) will open a link to all the subsequent folders and any additional material not directly linked to a particular phase.

- Wilkie Way Measurement Progression
- Wilkie Way pocket guides:
 1. Beginning Measure,
 2. Learning to Measure
 3. Using Standards Units of measure
- Developing linguistic and conceptual measurement
- Number & measurement connections (powerpoint)

Phase One

Phase Two

Phase Three

Capacity

Capacity

Capacity

Length

Length

Length

Mass

Mass

Mass

Time

Perimeter, Area, Volume

Perimeter, Area, Volume

Time

Time

Geometry

Clicking on the Heading of the section (dark blue box) will open a link to all the subsequent folders and any additional material not directly linked to a particular phase.

- Wilkie Way pocket guides:
 1. Beginning Geometric Thinking
 2. Developing Geometric Thinking
 3. Further Developing Geometric Thinking
- 2D Shape Assessment Screen

Phase One

Phase Two

Phase Three

Before, After, Between
(Video lesson)

Following & Giving Directions
(video lesson)

Puzzles

Sorting 2D shapes

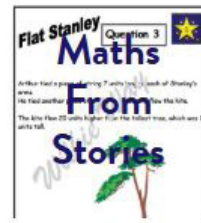
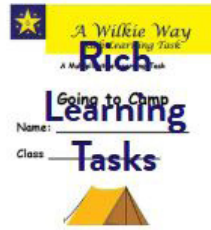
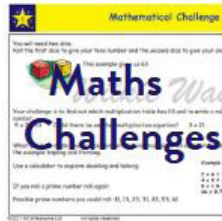
Name my Shape

Giving and Following Directions

Using grid references
(video lesson)
Grid references & compass points
(video lesson)

Properties of Shapes
Lines, angles, triangles
(video lesson)
Circles & triangles
(video lesson)

Bearings to Describe position
(video lesson)



Graduated Problems on a Theme (currently 38 sets - includes teacher notes & answers)

Each theme has 4 problems using mathematics from across the curriculum with the problems increasing in cognitive and knowledge demand. Ideal for assessment purposes. As a general rule:

Year 1 & 2 Success on problem 1 - problem 2 a guided teaching problem

Year 3 & 4 Success on problems 1 & 2 - problem 3 a guided teaching problem

Year 5 & 6 Success on problems 1, 2 & 3 - problem 4 a guided teaching problem

Year 7 & 8 Success on problems 1 - 4

Maths Challenges

A mixed bag of currently 27 challenges - select a few and have them as independent activities or for when students have completed set work.

Rich Learning Tasks

Phase One	Phase Two	Phase Three
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- A trip into space
- Buying stickers
- Dragon caves
- Fruit bowl
- Investigate with 2 digit numbers
- Money box
- Ratu's 8 coins
- Sally's money box
- Sharing muffins
- Spending \$100
- The 100th birthday party
- Teddy bears picnic
- Wizard spells

- Alphabet problem
- Chicken run
- Chocolate eggs
- Class trip
- Daffodil bulbs
- Deliveries
- Going to camp
- Growing flowers
- Hot chocolate
- Investigate with 4 digit numbers
- Legs in the field
- Making more spells
- Making numbers
- Measles
- The answer is ...
- Weighing lollies
- Wendy worm
- Word values

- Coloured ribbon
- Cycling time
- Floorboards
- Marbles
- Me, Myself, I
- Mr Singh's beach shop

Maths From Stories

- Flat Stanley
- Tiger Tea

Using maths trails

Special Occasions

- Christmas
- Easter
- Halloween

Dice & Counter Games



Most of these games are played with dice and counters or paper and pencil
Print in either A4 or A3

Some sets of games are available ready printed (A4) on laminated card ready to use in the Wilkie Way online store. These are now discontinued so are being sold at a discounted price. (\$12 for 4 games + p&p)

This is a guide to the resources available to Wilkie Way members as in January 2025

New Material is added to the website frequently.

An annual individual membership remains at \$55 for an individual. Purchase a membership at the online store or use the purchase a membership icon on the home page of wilkieway.co.nz

Please remember as an individual member you may not share the resources with any of your colleagues.

An annual school membership is available dependent on the number of students in your school. Complete the form for a school invoice at the online store, or use the purchase a membership icon on the home page of wilkieway.co.nz

Up to 30 students	\$60 + GST
31 - 100 Students	\$160 + GST
101 - 300 Students	\$260 + GST
301 - 500 Students	\$360 + GST
501 - 700 Students	\$460 + GST
700+ Students	\$560 + GST

The Planning & Assessment section on the site will be gradually updated to match the layout of the refreshed curriculum.

A separate guide will be issued.

With a school membership you may share resources with colleagues within your school only.

This is a very cost effective way to access quality numeracy resources.

The annual membership runs from the month of your subscription.