

Structured Maths Approach 2025 Curriculum Alignment

Structured Maths Approach was created in 2023 to support the initial curriculum refresh that was produced in 2023. This has since been updated and we now have the 2024 confirmed curriculum. This brought about some changes from the previous curriculum which informed Structured Maths Approach.

To support and maintain its alignment to the curriculum, each Structured Maths Approach phase has been updated and realigned to ensure that consistent scope and sequence across the years whilst supporting the learning outcomes of the new refreshed curriculum. This documents and shows the realignment and changes to each individual phase (Year 0-6) resources so that you can clearly see to inform your teaching practice.

Each individual scope has two comparisons to show the changes, tweaks, additions and how it supports the 2025 curriculum. The new versions will say '2025 curriculum aligned' online when purchasing.

Structured Maths Approach Phase One Year 0 (New Entrants)			
This document shows the changes from the scope and sequence of Phase One - Year 0 (New Entrants) to align with the 2025 New Zealand curriculum.			
2024 current version		New 2025 curriculum aligned	
Chunk 1 Numbers 1-10 <ul style="list-style-type: none"> Numbers 1-10 (naming numbers, recognizing numerals, creating a set) FNWS to 10 10 counting BNWS from 10 Ordering numbers 1-10 Counting a number set to 10 Comparing numbers Representations of 1-10 	Chunk 2 Addition and subtraction <ul style="list-style-type: none"> Adding to 5 Subtracting from 5 Word problems to 5 Number bonds to 5 Fluency to 5 	Chunk 1 Numbers 1-10 <ul style="list-style-type: none"> Identify, say and name numbers 1-10 FNWS to 10 10 counting BNWS from 10 Ordering numbers 1-10 Counting a number set to 10 Comparing numbers Representations of 1-10 	Chunk 2 Addition and subtraction <ul style="list-style-type: none"> Adding to 5 Subtracting from 5 Word problems to 5 Number bonds to 5 Fluency to 5
Chunk 3 Numbers 11-20 <ul style="list-style-type: none"> Numbers 11-20 (naming numbers, recognizing numerals, creating a set) Teen numbers FNWS to 20 BNWS from 20 Ordering numbers 1-20 Counting a number set to 20 Comparing numbers to 20 Representations of 1-20 Skip counting to 100 (2's, 5's, 10's) 	Chunk 4 Addition and subtraction <ul style="list-style-type: none"> Adding to 10 Subtracting from 10 Word problems to 10 Number bonds to 10 Fluency to 10 Tens and ones Skip counting to 100 (2's, 5's, 10's) 	Chunk 3 Numbers 11-20 <ul style="list-style-type: none"> Identify, say and name numbers 11-20 Teen numbers FNWS to 20 BNWS from 20 Ordering numbers 1-20 Counting a number set to 20 Comparing numbers to 20 Representations of 11-20 	Chunk 4 Addition and subtraction <ul style="list-style-type: none"> Adding to 10 Subtracting from 10 Word problems to 10 Number bonds to 10 Fluency to 10 Tens and ones
Main changes: <ul style="list-style-type: none"> Removal of skip counting as this is not mentioned in a month progress steps. 			

Structured Maths Approach Phase Three Year 2			
This document shows the changes from the scope and sequence of Phase Three - Year 2 to align with the 2025 New Zealand curriculum.			
2024 current version		New 2025 curriculum aligned	
Chunk 1 Number <ul style="list-style-type: none"> Number 1000 (naming numbers, recognizing numbers) FNWS to 1000 BNWS from 1000 Ordering numbers 1-1000 Comparing numbers Place value (composing and decomposing numbers) Skip counting to 100 (2's, 5's, 10's, 100) 	Chunk 2 Add and subtract <ul style="list-style-type: none"> Adding to 100 counting on place value - tens and ones using a number line Subtracting from 100 counting back place value - tens and ones using a number line Word problems to 100 Fluency to 100 	Chunk 1 Number <ul style="list-style-type: none"> Number to 100 FNWS to 100 BNWS from 100 Ordering numbers 1-100 Comparing numbers to 100 Place value (composing and decomposing numbers) Skip counting to 100 (2's, 5's, 10's) 	Chunk 2 Addition and Subtraction <ul style="list-style-type: none"> Adding to 100 counting on place value - tens and ones using a number line Subtracting from 100 counting back place value - tens and ones using a number line Word problems to 100
Chunk 3 Number / Add and subtract <ul style="list-style-type: none"> Number bonds to 100 Doubles to 100 Adding to 100 strategies Subtracting from 100 strategies Finding halves of a set Finding quarters of a set Skip counting to 100 (2's, 5's, 10's, 100) 	Chunk 4 Add and subtract <ul style="list-style-type: none"> Multiplication by skip counting (2's, 5's, 10's, 100) Division by skip counting backwards (2's, 5's, 10's, 100) Finding halves Finding quarters Finding thirds Fractions (reading, writing, representing, ordering) 	Chunk 3 Number / Addition and Subtraction <ul style="list-style-type: none"> Fluency to 100 Number bonds to 100 Doubles to 100 Adding to 100 strategies Subtracting from 100 strategies Skip counting to 100 (2's, 5's, 10's) Financial Maths 	Chunk 4 Multiplication and Division / Rational Numbers <ul style="list-style-type: none"> Multiplication by skip counting (2's, 5's, 10's) Division by skip counting backwards (2's, 5's, 10's) Fractions (reading, writing, representing, ordering) Finding halves Finding quarters Using eighths Identify a whole set
Main changes: <ul style="list-style-type: none"> Skip counting to include 2's, 5's and 10's only to align with curriculum steps. Coverage of numbers to 100 instead of 1000 Introduction of financial maths Introduction of using eighths and identifying a whole set using a fraction 			

Structured Maths Approach Phase One | Year 0 (New Entrants)

This document shows the changes from the scope and sequence of Phase One – Year 0 (New Entrants) to align with the 2025 New Zealand curriculum.

2024 current version

<p><u>Chunk 1</u> Numbers 1-10</p> <ul style="list-style-type: none"> Numbers 1-10 (naming numbers, recognizing numerals, creating a set) FNWS to 10 1:1 counting BNWS from 10 Ordering numbers 1-10 Counting a number set to 10 Comparing numbers Representations of 1-10 	<p><u>Chunk 2</u> Addition and subtraction</p> <ul style="list-style-type: none"> Adding to 5 Subtracting from 5 Word problems to 5 Number bonds to 5 Fluency to 5
<p><u>Chunk 3</u> Numbers 11-20</p> <ul style="list-style-type: none"> Numbers 11-20 (naming numbers, recognizing numerals, creating a set) Teen numbers FNWS to 20 BNWS from 20 Ordering numbers 1-20 Counting a number set to 20 Comparing numbers to 20 Representations of 11-20 Skip counting to 100 (2's, 5's, 10's) 	<p><u>Chunk 4</u> Addition and subtraction</p> <ul style="list-style-type: none"> Adding to 10 Subtracting from 10 Word problems to 10 Number bonds to 10 Fluency to 10 Tens and ones Skip counting to 100 (2's, 5's, 10's)

New 2025 curriculum aligned

<p><u>Chunk 1</u> Numbers 1-10</p> <ul style="list-style-type: none"> Identify, say and name numbers 1-10 FNWS to 10 1:1 counting BNWS from 10 Ordering numbers 1-10 Counting a number set to 10 Comparing numbers Representations of 1-10 	<p><u>Chunk 2</u> Addition and subtraction</p> <ul style="list-style-type: none"> Adding to 5 Subtracting from 5 Word problems to 5 Number bonds to 5 Fluency to 5
<p><u>Chunk 3</u> Numbers 11-20</p> <ul style="list-style-type: none"> Identify, say and name numbers 11-20 Teen numbers FNWS to 20 BNWS from 20 Ordering numbers 1-20 Counting a number set to 20 Comparing numbers to 20 Representations of 11-20 	<p><u>Chunk 4</u> Addition and subtraction</p> <ul style="list-style-type: none"> Adding to 10 Subtracting from 10 Word problems to 10 Number bonds to 10 Fluency to 10 Tens and ones

Main changes:

- Removal of skip counting as this is not mentioned in 6 month progress steps.

Structured Maths Approach Phase Two | Year 1

This document shows the changes from the scope and sequence of Phase Two – Year 1 to align with the 2025 New Zealand curriculum.

2024 current version

<p><u>Chunk 1</u> Number</p> <ul style="list-style-type: none"> Number 1-100 (naming numbers, recognizing numbers) Teen and ty numbers FNWS to 100 BNWS from 100 Ordering numbers 1-100 Comparing numbers Place value (composing and decomposing) Skip counting to 100 (2's, 5's, 10's) 	<p><u>Chunk 2</u> Addition and subtraction</p> <ul style="list-style-type: none"> Adding to 20 Subtracting from 20 Word problems to 20 Fluency to 20 Place value Skip counting to 100 (2's, 5's, 10's)
<p><u>Chunk 3</u> Number Addition and subtraction Fractions</p> <ul style="list-style-type: none"> Number bonds to 20 Adding to 20 counting on +1 counting on +2 Subtracting from 20 counting back -1 counting back -2 Finding halves of a set Finding quarters of a set 	<p><u>Chunk 4</u> Multiplication and division Fractions</p> <ul style="list-style-type: none"> Make equal groups Share to solve equal groups Multiplication by skip counting (2's, 5's, 10's) Division by equal sharing (2's, 5's, 10's) Finding halves of a set Finding quarters of a set Fractions (reading, writing, representing, ordering)

New 2025 curriculum aligned

<p><u>Chunk 1</u> Number</p> <ul style="list-style-type: none"> Numbers to 50 Teen and ty numbers FNWS to 50 BNWS from 50 Ordering numbers 1-50 Comparing numbers Place value (composing and decomposing) 	<p><u>Chunk 2</u> Addition and subtraction / Number</p> <ul style="list-style-type: none"> Adding to 20 Subtracting from 20 Word problems to 20 Fluency to 20 Number bonds to 20 Numbers to 100 (FNWS and BNWS) Skip counting to 100 (2's and 10's)
<p><u>Chunk 3</u> Number / Addition and subtraction</p> <ul style="list-style-type: none"> Numbers to 100 (ordering and comparing) Adding to 20 counting on +1 counting on +2 Subtracting from 20 counting back -1 counting back -2 Place Value 	<p><u>Chunk 4</u> Multiplication and division / Rational Numbers</p> <ul style="list-style-type: none"> Make equal groups Share to solve equal groups Fractions (reading, writing, representing) Finding halves of a set Finding quarters of a set Skip counting to 100 (2's and 10's)

Main changes:

- Introduction of numbers to 50 first before numbers to 100 to allow for students who start Year 1 and don't have Year 0.
- Removal of multiplication and division by using skip counting to align with operations progress steps.
- Reshuffle of chunk 2 and 3 for number.
- Skip counting to include 2's and 10's only to align with curriculum steps.

Structured Maths Approach Phase Three | Year 2

This document shows the changes from the scope and sequence of Phase Three – Year 2 to align with the 2025 New Zealand curriculum.

2024 current version

<p><u>Chunk 1</u> Number</p> <ul style="list-style-type: none"> • Number to 1,000 (naming numbers, recognizing numbers) • FNWS to 1,000 • BNWS from 1,000 • Ordering numbers to 1,000 • Comparing numbers • Place value (composing and decomposing numbers) • Skip counting to 100 (2's, 5's, 10's, 25's) 	<p><u>Chunk 2</u> Add and subtract</p> <ul style="list-style-type: none"> • Adding to 100 counting on place value – tens and ones using a number line • Subtracting from 100 counting back place value – tens and ones using a number line • Word problems to 100 • Fluency to 100
<p><u>Chunk 3</u> Number / Add and subtract</p> <ul style="list-style-type: none"> • Number bonds to 100 • Doubles to 100 • Adding to 100 strategies • Subtracting from 100 strategies • Finding halves of a set • Finding quarters of a set • Skip counting to 100 (2's, 5's, 10's, 25's) 	<p><u>Chunk 4</u> Add and subtract</p> <ul style="list-style-type: none"> • Multiplication by skip counting (2's, 5's, 10's, 25's) • Division by skip counting backwards (2's, 5's, 10's, 25's) • Finding halves • Finding quarters • Finding thirds • Fractions (reading, writing, representing, ordering)

New 2025 curriculum aligned

<p><u>Chunk 1</u> Number</p> <ul style="list-style-type: none"> • Number to 100 • FNWS to 100 • BNWS from 100 • Ordering numbers 1-100 • Comparing numbers to 100 • Place value (composing and decomposing numbers) • Skip counting to 100 (2's, 5's, 10's) 	<p><u>Chunk 2</u> Addition and Subtraction</p> <ul style="list-style-type: none"> • Adding to 100 counting on place value – tens and ones using a number line • Subtracting from 100 counting back place value – tens and ones using a number line • Word problems to 100
<p><u>Chunk 3</u> Number / Addition and Subtraction</p> <ul style="list-style-type: none"> • Fluency to 100 • Number bonds to 100 • Doubles to 100 • Adding to 100 strategies • Subtracting from 100 strategies • Skip counting to 100 (2's, 5's, 10's) • Financial Maths 	<p><u>Chunk 4</u> Multiplication and Division / Rational Numbers</p> <ul style="list-style-type: none"> • Multiplication by skip counting (2's, 5's, 10's) • Division by skip counting backwards (2's, 5's, 10's) • Fractions (reading, writing, representing, ordering) • Finding halves • Finding quarters • Using eighths • Identify a whole set

Main changes:

- Skip counting to include 2's, 5's and 10's only to align with curriculum steps.
- Coverage of numbers to 100 instead of 1,000
- Introduction of financial maths
- Introduction of using eighths and identifying a whole set using a fraction

Structured Maths Approach Phase Four | Year 3

This document shows the changes from the scope and sequence of Phase Four – Year 3 to align with the 2025 New Zealand curriculum.

2024 current version

<p><u>Chunk 1</u> Number</p> <p>Numbers to 10,000 (naming numbers, recognizing numbers) FNWS to 10,000 BNWS from 10,000 Ordering numbers 1-10,000 Comparing numbers 10,000 Place value (decomposing and composing) Times table facts (2's, 5's, 10's, 3's, 4's, 8's)</p>	<p><u>Chunk 2</u> Addition and subtraction</p> <p>Addition and Subtraction to 10,000 (2 and 3 digit numbers)</p> <ul style="list-style-type: none"> counting on / counting back place value using a number line tidy numbers reversing algorithms <p>Word problems to 10,000</p>
<p><u>Chunk 3</u> Addition and subtraction Multiplication and division</p> <p>Addition and subtraction to 1,000 strategies Multiply by 1 digit number Multiply by 2 digit numbers Divide with a single digit and no remainders Word problems using multiplication and division Times table facts (2's, 5's, 10's, 3's, 4's, 8's)</p>	<p><u>Chunk 4</u> Addition and subtraction Multiplication and division Number – Fractions</p> <p>Addition and subtraction to 10,000 strategies Multiplication and division Fractions (reading, writing, representing, ordering) Equivalent fractions Finding fractions of a whole Adding fractions with like denominators Times table facts (2's, 5's, 10's, 3's, 4's, 8's)</p>

New 2025 curriculum aligned

<p><u>Chunk 1</u> Number</p> <p>Numbers to 1,000 FNWS to 1,000 BNWS from 1,000 Ordering numbers 1-1,000 Comparing numbers to 1,000 Place value (decomposing and composing) Times table facts (2's, 5's, 10's, 3's) Number facts (doubles, number bonds, fluency)</p>	<p><u>Chunk 2</u> Addition and subtraction</p> <p>Addition and Subtraction to 100</p> <ul style="list-style-type: none"> counting on / counting back place value using a number line tidy numbers reversing algorithms <p>Word problems to 100</p>
<p><u>Chunk 3</u> Multiplication and division</p> <p>Rounding numbers Financial Maths Multiply by 1 digit number Multiply by 2 digit numbers Divide with a single digit and no remainders Word problems using multiplication and division Times table facts (2's, 5's, 10's, 3's)</p>	<p><u>Chunk 4</u> Rational Numbers</p> <p>Addition and subtraction to 100 revision Multiplication and division revision Fractions (reading, writing, representing, ordering) Finding fractions of a whole Identify a whole set Adding fractions with like denominators</p>

Main changes:

- Skip counting to include 2's, 5's, 10's and 3's only to align with curriculum steps.
- Coverage of numbers to 1,000 instead of 10,000
- Introduction of financial maths and rounding numbers
- Introduction of identifying a whole set using a fraction

Structured Maths Approach Phase Five | Year 4

This document shows the changes from the scope and sequence of Phase Five – Year 4 to align with the 2025 New Zealand curriculum.

2024 current version

<p><u>Chunk 1</u> Number</p> <p>Numbers 1-10,000 FNWS to 10,000 BNWS from 10,000 Ordering numbers to 10,000 Place value (decomposing and composing) Representing numbers to 10,000 Times table facts (1-10's)</p>	<p><u>Chunk 2</u> Addition/Subtraction</p> <p>Decimals (reading, writing, ordering) Addition and subtraction (whole numbers) Addition and subtraction (decimals) Word problems using addition and subtraction</p>
<p><u>Chunk 3</u> Addition/Subtraction Multiplication and division</p> <p>Addition and subtraction strategies Multiply by 1 and 2 digit numbers Divide with a single digit and no remainders Word problems using multiplication and division Times table facts (1-10's)</p>	<p><u>Chunk 4</u> Fractions</p> <p>Fractions (reading, writing, ordering, representing) Adding and subtracting fractions with like denominators Equivalent fractions Adding fractions with different denominators Fractions greater than 1 Fractions on a number line Times table facts (1-10's)</p>

New 2025 curriculum aligned

<p><u>Chunk 1</u> Number</p> <p>Numbers 1-10,000 FNWS to 10,000 BNWS from 10,000 Ordering numbers to 10,000 Place value (decomposing and composing) Representing numbers to 10,000 Times table facts (2's, 5's, 10's, 3's, 6's, 4's) Rounding Numbers</p>	<p><u>Chunk 2</u> Addition and Subtraction</p> <p>Decimals (reading, writing, ordering) Addition and subtraction (whole numbers) Addition and subtraction (decimals) Word problems using addition and subtraction</p>
<p><u>Chunk 3</u> Multiplication and division</p> <p>Financial maths Multiply by 1 and 2 digit numbers Divide with a single digit and no remainders Divide to a decimal Word problems using multiplication and division Times table facts (2's, 5's, 10's, 3's, 6's, 4's)</p>	<p><u>Chunk 4</u> Rational Numbers</p> <p>Fractions (reading, writing, ordering, representing) Adding and subtracting fractions with like denominators Equivalent fractions Fractions greater than 1 Fractions on a number line Fractions of a whole number Identify a whole set</p>

Main changes:

- Times table facts to only include the recommended ones from the curriculum.
- Introduction of financial maths, rounding numbers and divide to a decimal.
- Inclusion of identifying fractions of a whole number and identify a whole set.

Structured Maths Approach Phase Six | Year 5

This document shows the changes from the scope and sequence of Phase Six – Year 5 to align with the 2025 New Zealand curriculum.

2024 current version

<p><u>Chunk 1</u> Number</p> <p>Numbers 1-100,000 (reading, numbers more/less, groupings within a number) plan FNWS to 100,000 BNWS from 100,000 Ordering numbers to 100,000 Fractions (reading, writing, ordering, greater than 1, fractions of a whole) Decimals (reading, writing, ordering) Percentages (reading, writing, ordering) Times table facts (1-12's)</p>	<p><u>Chunk 2</u> Number Addition/Subtraction</p> <p>Rounding numbers Decimal places Place value (decomposing and composing) Addition and subtraction (whole numbers) Addition and subtraction (decimals)</p>
<p><u>Chunk 3</u> Multiplication and division</p> <p>Multiplication (whole numbers) Multiplication (decimals) Divide whole numbers by 1 or 2 numbers Word problems using multiplication and division Times table facts (1-12's)</p>	<p><u>Chunk 4</u> Fractions</p> <p>Fractions, decimals and percentages of whole numbers Converting fractions, decimals and percentages Fractions on a number line Equivalent fractions Adding and subtracting fractions with like denominators Adding fractions with different denominators Subtracting fractions with different denominators Simplifying fractions</p>

New 2025 curriculum aligned

<p><u>Chunk 1</u> Number</p> <p>Numbers and groupings to 100,000 FNWS to 100,000 BNWS from 100,000 Ordering numbers to 100,000 Rounding numbers Factors up to 100 Fractions (reading, writing, ordering) Decimals (reading, writing, ordering) Times table facts (1-10s)</p>	<p><u>Chunk 2</u> Number Addition/Subtraction</p> <p>Decimal places Place value (decomposing and composing) Addition and subtraction (whole numbers) Addition and subtraction (decimals) Financial maths</p>
<p><u>Chunk 3</u> Multiplication and division</p> <p>Multiplication (whole numbers) Multiplication (decimals) Divide whole numbers by 1 or 2 numbers Divide with remainders Divide to a decimal Word problems using multiplication and division Times table facts (1-10's)</p>	<p><u>Chunk 4</u> Rational Numbers</p> <p>Converting fractions and decimals Fractions and decimals of whole numbers Find a whole set Fractions on a number line Mixed and improper fractions Equivalent fractions Adding and subtracting fractions with like denominators</p>

Main changes:

- Times table facts to only include the recommended ones from the curriculum.
- Introduction of financial maths, factors up to 100, divide with remainders and divide to a decimal.
- Inclusion of finding a whole set and mixed and improper fractions rather than fractions greater than 1.
- Removal of some lessons to align with curriculum recommendations.

Structured Maths Approach Phase Seven | Year 6

This document shows the changes from the scope and sequence of Phase Seven – Year 6 to align with the 2025 New Zealand curriculum.

2024 current version

<p><u>Chunk 1</u> Number</p> <p>Numbers to 1,000,000 FNWS to 1,000,000 BNWS from 1,000,000 Ordering numbers to 1,000,000 Fractions (reading, writing, ordering) Decimals (reading, writing, ordering) Percentages (reading, writing, ordering) Times table facts (1-12's) Factors of numbers up to 100</p>	<p><u>Chunk 2</u> Addition/Subtraction</p> <p>Rounding numbers Decimal places Rounding decimals Addition and subtraction (whole numbers) Addition and subtraction (decimals)</p>
<p><u>Chunk 3</u> Multiplication and division</p> <p>Multiply two and three digit numbers Divisibility rules Divide whole numbers by 1 or 2 numbers Divide with remainders Multiply and divide with decimals Times table facts (1-12's)</p>	<p><u>Chunk 4</u> Fractions</p> <p>Converting fractions, decimals and percentages Fractions in simplest form Fractions of a whole number Decimals of a whole number Percentages of a whole number Adding fractions Subtracting fractions</p>

New 2025 curriculum aligned

<p><u>Chunk 1</u> Number</p> <p>Numbers and groupings to 1,000,000 FNWS and BNWS from 1,000,000 Ordering numbers to 1,000,000 Fractions (reading, writing, ordering) Decimals (reading, writing, ordering) Percentages (reading, writing, ordering) Factors of numbers up to 125 Powers of 10</p>	<p><u>Chunk 2</u> Addition and Subtraction</p> <p>Square numbers Rounding numbers Rounding decimals Addition and subtraction (whole numbers) Addition and subtraction (decimals) Financial maths Times table facts (1-12's)</p>
<p><u>Chunk 3</u> Multiplication and Division</p> <p>Multiply two and three digit numbers Divide whole numbers by 1 or 2 numbers Divide with remainders Multiply and divide with decimals Order of operations (GEMA)</p>	<p><u>Chunk 4</u> Rational Number</p> <p>Converting fractions, decimals and percentages Mixed and improper fractions Equivalent fractions and simplifying Adding fractions Subtracting fractions Fractions, decimals and percentages of a whole number Identify a whole set Times table facts (1-12's)</p>

Main changes:

- Introduction of financial maths, factors up to 125, powers of 10, square numbers and order of operations (GEMA).
- Inclusion of finding a whole set and mixed and improper fractions rather than fractions greater than 1.
- Equivalent and simplifying fractions in the same lesson.