



**Mathology Grade 2 Correlation – Alberta
Number Cluster 5: Number Relationships 2**

Organizing Idea:

Number: Quantity is measured with numbers that enable counting, labelling, comparing, and operating.

Guiding Question: How can quantity contribute to a sense of number?				
Learning Outcome: Students analyze quantity to 1000.				
Knowledge	Understanding	Skills & Procedures	Grade 2 Mathology	Mathology Little Books
<p>Any number of objects in a set can be represented by a natural number.</p> <p>The values of the places in a four-digit natural number are thousands, hundreds, tens, and ones.</p> <p>Places that have no value within a given number use zero as a placeholder.</p> <p>The number line is a spatial representation of quantity.</p>	<p>There are infinitely many natural numbers.</p> <p>Every digit in a natural number has a value based on its place.</p> <p>Each natural number is associated with exactly one point on the number line.</p>	<p>Relate a number, including zero, to its position on the number line.</p>	<p>Number Math Every Day 5A: Which Ten is Nearer?</p>	

Master 52b

A benchmark is a known quantity to which another quantity can be compared.	A quantity can be estimated when an exact count is not needed.	Estimate quantities using benchmarks.	Number Cluster 5: Number Relationships 2 21: Benchmarks on a Number Line Number Math Every Day 5A: Which Ten is Nearer?	Family Fun Day Ways to Count What Would you Rather?
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Guiding Question: How can addition and subtraction be interpreted?				
Learning Outcome: Students investigate addition and subtraction within 100.				
Knowledge	Understanding	Skills & Procedures	Grade 2 Mathology	Mathology Little Books
The order in which more than two numbers are added does not affect the sum (associative property).	A sum can be composed in multiple ways.	Compose a sum in multiple ways, including with more than two addends.	Number Cluster 5: Number Relationships 2 22: Decomposing 100 23: Jumping on the Number Line 24: Consolidation Number Math Every Day 5A: Building Numbers 5B: How Many Ways? Number Intervention 6: Making 20	Paddling the River Family Fun Day A Class Full of Projects Kokum’s Bannock The Money Jar
Familiar addition and subtraction number facts facilitate addition and subtraction strategies. Addition and subtraction strategies for two-digit numbers include making multiples of ten and using doubles.	Addition and subtraction can represent the sum or difference of countable quantities or measurable lengths.	Add and subtract numbers within 100. Verify a sum or difference using inverse operations. Determine a missing quantity in a sum or difference, within 100, in a variety of ways.	Number Math Every Day 5B: What’s the Unknown Part?	