**Mathology Grade 2 Correlation – Alberta**

**Master 52a**

**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** |
| Any number of objects in a set can be represented by a natural number.The values of the places in a four-digit natural number are thousands, hundreds, tens, and ones.Places that have no value within a given number use zero as a placeholder.The number line is a spatial representation of quantity. | There are infinitely many natural numbers.Every digit in a natural number has a value based on its place.Each natural number is associated with exactly one point on the number line. | Relate a number, including zero, to its position on the number line. | **Number Math Every Day** 5A: Which Ten is Nearer?  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 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 DayWays to CountWhat Would you Rather? |

**Master 52b**

|  |
| --- |
| **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 RiverFamily Fun DayA Class Full of ProjectsKokum’s BannockThe 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.  | **Number Math Every Day**5B: What’s the Unknown Part? |  |
| Verify a sum or difference using inverse operations. |
| Determine a missing quantity in a sum or difference, within 100, in a variety of ways. |