**Mathology Grade 2 Correlation – Alberta**

**Master 29a**

**Patterning Cluster 3: Equality and Inequality**

**Organizing Idea:**

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

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| **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** |
| Words that can describe a comparison between two unequal quantities include   * not equal * greater than * less than   The less than sign, <, and the greater than sign, >, are used to indicate inequality between two quantities.  Equality and inequality can be modelled using a balance. | Inequality is an imbalance between two quantities. | Model equality and inequality between two quantities, including with a balance. | *Link to Other Strands:*  ***Patterning Cluster 3: Equality and Inequality***  *14: Equal and Unequal Sets*  *15: Equal or Not Equal?*  *16: Exploring Number Sentences*  *18: Consolidation*  ***Patterning Intervention***  *5: Exploring 10*  *6: Balancing Sets* | Nutty and Wolfy |
| Describe a quantity as less than, greater than, or equal to another quantity. | *Link to other strands:*  ***Patterning Cluster 3: Equality and Inequality***  *15: Equal or Not Equal?*  *16: Exploring Number Sentences* | Kokum’s Bannock  Back to Batoche |

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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** |
| 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. | Recall and apply addition number facts, with addends to 10, and related subtraction number facts. | *Link to other strands:*  ***Patterning Intervention***  *5: Exploring 10* |  |
| Add and subtract numbers within 100. | *Link to other strands:*  ***Patterning Cluster 3: Equality and Inequality***  *17: Missing Numbers* |  |
| Verify a sum or difference using inverse operations. |
| Determine a missing quantity in a sum or difference, within 100, in a variety of ways. |

**Master 29b**