**Mathology Grade 1 Correlation – Alberta**

**Master 1**

**Number Cluster 1: Counting**

**Organizing Idea:**

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

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| **Guiding Question:** How can quantity be communicated?  **Learning Outcome:** Students interpret and explain quantity to 100. | | | | |
| **Knowledge** | **Understanding** | **Skills & Procedures** | **Grade 1 Mathology** | **Mathology Little Books** |
| A numeral is a symbol or group of symbols used to represent a number.  The absence of quantity is represented by 0. | Quantity is expressed in words and numerals based on patterns.  Quantity in the world is represented in multiple ways. | Represent quantities using words, numerals, objects, or pictures. | **Number Cluster 1: Counting**  1: Counting to 20  2: Counting to 50 | A Family Cookout (Numbers to 50)  Grade 2  Ways to Count (Numbers to 100) |
| Identify a quantity of 0 in familiar situations. | **Number Cluster 1: Counting**  3: Counting On and Back |  |
| Counting can begin at any number.  Counting more than one object at a time is called skip counting. | Each number counted includes all previous numbers (counting principle: hierarchical inclusion).  A quantity can be determined by counting more than one object in a set at a time. | Count within 100, forward by 1s, starting at any number, according to the counting principles. | **Number Cluster 1: Counting**  1: Counting to 20  2: Counting to 50  3: Counting On and Back  4: Bridging Tens  6: Consolidation | Cats and Kittens |
| Count backward from 20 to 0 by 1s. | **Number Cluster 1: Counting**  3: Counting On and Back |  |
| Skip count to 100, forward by 5s and 10s, starting at 0. | **Number Cluster 1: Counting**  5: Skip-Counting Forward  6: Consolidation | How Many is too Many?  Grade 2  Ways to Count  Family Fun Day |
| Skip count to 20, forward by 2s, starting at 0. | **Number Cluster 1: Counting**  5: Skip-Counting Forward  6: Consolidation | On Safari! |