**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.

|  |
| --- |
| **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 202: Counting to 50  | A Family Cookout (Numbers to 50)Grade 2Ways 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 202: Counting to 503: 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 2Ways 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! |