**Mathology Grade 2 Correlation – Alberta**

**Master 80**

**Number Cluster 7: Operational Fluency**

**Organizing Idea:**

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

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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. | **Number Cluster 7: Operational Fluency**33: Using Doubles34: Mastering Addition and Subtraction Facts36: Consolidation**Number Math Every Day**7A: Doubles and Near-Doubles7B: Make 10 Sequences**Number Intervention**9: Making 1010: Finding Doubles | A Class-full of ProjectsArray’s BakeryMarbles, Alleys, Mibs, and Guli!The Great Dogsled RaceThe Money JarFamily Fun Day |
| Investigate strategies for addition and subtraction of two-digit numbers. | **Number Cluster 7: Operational Fluency**35: Multi-Digit Fluency |  |
| Add and subtract numbers within 100.  | **Number Cluster 7: Operational Fluency**35: Multi-Digit Fluency36: Consolidation**Number Math Every Day**7A: I Have… I Need…7B: Hungry Bird | A Class-full of ProjectsArray’s BakeryMarbles, Alleys, Mibs, and Guli! |
| Verify a sum or difference using inverse operations. |
| Determine a missing quantity in a sum or difference, within 100, in a variety of ways. |