Pearson mathology

Mathology Grade 2 Correlation – Alberta
Number Cluster 6: Conceptualizing Addition and Subtraction

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
A quantity can be skip counted in various ways according to context. Quantities of money can be skip counted in amounts that are represented by coins and bills (denominations).	A quantity can be interpreted as a composition of groups.	Decompose quantities into groups of 100s, 10s, and 1s.	**Number Cluster 6: Conceptualizing Addition and Subtraction** 25: Visualizing 100 with Groups of 10	Family Fun Day The Great Dogsled Race Ways to Count

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.	Visualize 100 as a composition of multiples of 10 in various ways.	**Number Cluster 6: Conceptualizing Addition and Subtraction** 25: Visualizing 100 with Groups of 10	Family Fun Day The Great Dogsled Race Ways to Count
		Compose a sum in multiple ways, including with more than two addends.	**Number Cluster 6: Conceptualizing Addition and Subtraction** 26: Exploring Properties 27: Exploring the Associative Property	Paddling the River Family Fun Day A Class Full of Projects Kokum's Bannock The 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.	Solve problems using addition and subtraction of countable quantities or measurable lengths.	**Number Cluster 6: Conceptualizing Addition and Subtraction** 27: Exploring the Associative Property 28: Solving Problems 1 29: Solving Problems 2 30: Solving Problems 3 31: Solving Problems 4 32: Consolidation **Number Math Every Day** 6: What Math Do You See? 6: What Could the Story Be? **Number Intervention** 7: Adding and Subtracting to 20 8: Solving Story Problems	Array's Bakery The Great Dogsled Race The Money Jar Family Fun Day