



**Mathology Grade 2 Correlation – Alberta
Number Cluster 4: Early Fractional Thinking**

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
<p>An even quantity will have no remainder when partitioned into two equal groups or groups of two.</p> <p>An odd quantity will have a remainder of one when partitioned into two equal groups or groups of two.</p>	<p>All natural numbers are either even or odd.</p>	<p>Partition a set of objects by sharing or grouping, with or without remainders.</p>	<p>Number Cluster 4: Early Fractional Thinking 19: Partitioning Sets</p>	

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Guiding Question: In what ways can parts compose a whole?				
Learning Outcome: Students interpret part-whole relationships using unit fractions.				
Knowledge	Understanding	Skills & Procedures	Grade 2 Mathology	Mathology Little Books
<p>A whole can be a whole set of objects, or a whole object, that can be partitioned into a number of equal parts.</p> <p>The whole can be any size and is designated by context.</p> <p>A unit fraction describes any one of the equal parts that compose a whole.</p>	<p>Fractions can represent part-to-whole relationships.</p> <p>One whole can be interpreted as a number of unit fractions.</p>	<p>Model a unit fraction by partitioning a whole object or whole set into equal parts, limited to 10 or fewer equal parts.</p>	<p>Number Unit 4: Early Fractional Thinking 14: Equal Parts 19: Partitioning Sets 20: Consolidation</p> <p>Number Math Every Day 4: Modelling Fraction Amounts 4: Naming Equal Parts</p> <p>Number Intervention 5: Naming Fractional Amounts</p>	<p>The Best Birthday</p> <p><u>Grade 3</u> Hockey Homework</p>
		<p>Compare different unit fractions of the same whole, limited to denominators of 10 or less.</p>	<p>Number Unit 4: Early Fractional Thinking 15: Comparing Fractions 1 16: Comparing Fractions 2</p>	<p>The Best Birthday</p> <p><u>Grade 3</u> Hockey Homework</p>
		<p>Compare the same unit fractions of different wholes, limited to denominators of 10 or less.</p>	<p>Number Unit 4: Early Fractional Thinking 17: Comparing Unit Fractions of Different Wholes</p>	<p><u>Grade 3</u> Hockey Homework</p>
		<p>Model one whole, using a given unit fraction, limited to denominators of 10 or less.</p>	<p>Number Unit 4: Early Fractional Thinking 18: Modelling One Whole with Unit Fractions</p>	