



**Mathology Grade 2 Correlation – Alberta
Measurement Cluster 2: Time**

Organizing Idea:

Patterns: Awareness of patterns supports problem solving in various situations.

Guiding Question: How can patterns characterize change?				
Learning Outcome: Students explain and analyze patterns in a variety of contexts.				
Knowledge	Understanding	Skills & Procedures	Grade 2 Mathology	Mathology Little Books
<p>Change can be an increase or a decrease in the number and size of elements.</p> <p>A hundreds chart is an arrangement of natural numbers that illustrates multiple patterns.</p> <p>Patterns can be found and created in cultural designs.</p>	<p>A pattern can show increasing or decreasing change.</p> <p>A pattern is more evident when the elements are represented, organized, aligned, or oriented in familiar ways.</p>	<p>Describe non-repeating patterns encountered in surroundings, including in art, architecture, cultural designs, and nature.</p>	<p><i>Link to other strands:</i> Measurement Cluster 2: Time <i>13: First Nations Winter Counts</i></p>	

Master 14b

Organizing Idea:

Time: Duration is described and quantified by time.

Guiding Question: How can duration support interpretation of time?				
Learning Outcome: Students relate duration to time.				
Knowledge	Understanding	Skills & Procedures	Grade 2 Mathology	Mathology Little Books
<p>Events can be related to calendar dates.</p> <p>Duration can be described using comparative language such as longer or shorter.</p> <p>Duration can be measured in non-standard units, including events, natural cycles, or personal referents.</p> <p>Winter counts are First Nations symbolic calendars that record oral traditions and significant events.</p>	<p>Time can be communicated in various ways.</p> <p>Duration is the measure of an amount of time from beginning to end.</p>	<p>Express significant events using calendar dates.</p>	<p>Measurement Cluster 2: Time 8: Days and Weeks</p> <p>Measurement Math Every Day 2: Calendar Questions 2: Monthly Mix-Up</p>	
		<p>Describe the duration between or until significant events using comparative language.</p>	<p>Measurement Cluster 2: Time 11: Duration of Time 12: Measuring the Duration of Time</p>	<p><u>Grade 3</u> Goat Island</p>
		<p>Describe the duration of events using non-standard units.</p>	<p>Measurement Cluster 2: Time 10: Measuring Time 11: Duration of Time 12: Measuring the Duration of Time</p>	<p>Getting Ready for School</p> <p><u>Grade 3</u> Goat Island</p>
		<p>Relate First Nations' winter counts to duration.</p>	<p>Measurement Cluster 2: Time 13: First Nations Winter Counts</p>	
<p>Time can be described using standard units such as days or minutes.</p>	<p>Duration is quantified by measurement.</p>	<p>Describe the relationship between days, weeks, months, and years.</p>	<p>Measurement Cluster 2: Time 8: Days and Weeks 9: Months in a Year 14: Consolidation</p> <p>Measurement Intervention 3: Months of the Year</p>	<p><u>Grade 3</u> Goat Island</p>
		<p>Describe the duration between or until significant events using standard units of time.</p>	<p>Measurement Cluster 2: Time 12: Measuring the Duration of Time 14: Consolidation</p>	