



**Mathology Grade 1 Correlation – Alberta  
Measurement Cluster 1: Length, Capacity, and Area**

**Organizing Idea:**

Measurement: Attributes such as length, area, volume, and angle are quantified by measurement.

<b>Guiding Question:</b> In what ways can length provide perspectives of size? <b>Learning Outcome:</b> Students relate length to the understanding of size.				
Knowledge	Understanding	Skills & Procedures	Grade 1 Mathology	Mathology Little Books
Size may refer to the length of an object, including <ul style="list-style-type: none"> <li>• height</li> <li>• width</li> <li>• depth</li> </ul>	Length is a measurable attribute that describes the amount of fixed space between the end points of an object.  Length remains the same if an object is repositioned but may be named differently.	Recognize the height, width, or depth of an object as lengths in various orientations.	<b>Measurement Cluster 1: Length, Capacity, and Area</b> 2: Matching Lengths	Animal Measures The Amazing Seed  <u>Kindergarten</u> The Best in Show
A length does not need to be a straight line.  The length between any two points in space is called distance.		Compare and order objects according to length.	<b>Measurement Cluster 1: Length, Capacity, and Area</b> 1: Comparing Length 2: Matching Lengths	Animals Measures
Familiar contexts of distance include <ul style="list-style-type: none"> <li>• distance between objects or people</li> <li>• distance between objects on the land</li> <li>• distance between home and school</li> <li>• distance between towns or cities</li> </ul>		Describe distance in familiar contexts.	<b>Measurement Cluster 1: Length, Capacity, and Area</b> 3: Exploring Distance	

**Master 1b**

<p>Indirect comparison is useful when objects are fixed in place or difficult to move.</p> <p>Comparisons of size can be described by using words such as</p> <ul style="list-style-type: none"> <li>• higher</li> <li>• wider</li> <li>• deeper</li> </ul>	<p>The size of two objects can be compared indirectly with a third object.</p>	<p>Compare the length, area, or capacity of two objects directly or indirectly using a third object.</p>	<p><b>Measurement Cluster 1: Length, Capacity, and Area</b></p> <p>1: Comparing Length 2: Matching Lengths 4: Comparing Capacity 5: Making Comparisons 6: Comparing Area 7: Consolidation</p>	<p>Animals Measures The Amazing Seed</p> <p><u>Kindergarten</u> To Be Long</p>
		<p>Order objects according to length, area, or capacity.</p>	<p><b>Measurement Cluster 1: Length, Capacity, and Area</b></p> <p>1: Comparing Length 2: Matching Lengths 4: Comparing Capacity 5: Making Comparisons 6: Comparing Area 7: Consolidation</p>	<p>The Amazing Seed</p>