**Mathology Grade 1 Correlation – Alberta**

**Master 1a**

**Measurement Cluster 1: Length, Capacity, and Area**

**Organizing Idea:**

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

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| **Guiding Question:** In what ways can length provide perspectives of size?**Learning Outcome:** 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 * height
* width
* depth

A length does not need to be a straight line.The length between any two points in space is called distance.Familiar contexts of distance include* distance between objects or people
* distance between objects on the land
* distance between home and school
* distance between towns or cities
 | 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. | **Measurement Cluster 1:** **Length, Capacity, and Area**2: Matching Lengths | Animal MeasuresThe Amazing SeedKindergartenThe Best in Show |
| Compare and order objects according to length. | **Measurement Cluster 1:** **Length, Capacity, and Area**1: Comparing Length2: Matching Lengths | Animals Measures |
| Describe distance in familiar contexts. | **Measurement Cluster 1:** **Length, Capacity, and Area**3: Exploring Distance |  |

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| Indirect comparison is useful when objects are fixed in place or difficult to move.Comparisons of size can be described by using words such as* higher
* wider
* deeper
 | The size of two objects can be compared indirectly with a third object. | Compare the length, area, or capacity of two objects directly or indirectly using a third object. | **Measurement Cluster 1:** **Length, Capacity, and Area**1: Comparing Length2: Matching Lengths4: Comparing Capacity5: Making Comparisons6: Comparing Area7: Consolidation | Animals MeasuresThe Amazing SeedKindergartenTo Be Long |
| Order objects according to length, area, or capacity. | **Measurement Cluster 1:** **Length, Capacity, and Area**1: Comparing Length2: Matching Lengths4: Comparing Capacity5: Making Comparisons6: Comparing Area7: Consolidation | The Amazing Seed |

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