**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 Measures  The Amazing Seed  Kindergarten  The Best in Show |
| Compare and order objects according to length. | **Measurement Cluster 1:** **Length, Capacity, and Area**  1: Comparing Length  2: 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 Length  2: Matching Lengths  4: Comparing Capacity  5: Making Comparisons  6: Comparing Area  7: Consolidation | Animals Measures  The Amazing Seed  Kindergarten  To Be Long |
| Order objects according to length, area, or capacity. | **Measurement Cluster 1:** **Length, Capacity, and Area**  1: Comparing Length  2: Matching Lengths  4: Comparing Capacity  5: Making Comparisons  6: Comparing Area  7: Consolidation | The Amazing Seed |

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