



**Mathology Grade 2 Correlation – Alberta  
Geometry Cluster 1: 2-D Shapes**

**Organizing Idea:**

Geometry: Shapes are defined and related by geometric attributes.

<b>Guiding Question:</b> How can shape influence perception of space?				
<b>Learning Outcome:</b> Students analyze and explain geometric attributes of shape.				
<b>Knowledge</b>	<b>Understanding</b>	<b>Skills &amp; Procedures</b>	<b>Grade 2 Mathology</b>	<b>Mathology Little Books</b>
Common geometric attributes include <ul style="list-style-type: none"> <li>• sides</li> <li>• vertices</li> <li>• faces or surfaces</li> </ul> Two-dimensional shapes may have sides that are line segments.  Three-dimensional shapes may have faces that are two-dimensional shapes.	Shapes are defined according to geometric attributes.  A shape can be visualized as a composition of other shapes.	Sort shapes according to two geometric attributes and describe the sorting rule.	<b>Geometry Cluster 1: 2-D Shapes</b> 1: Sorting 2-D Shapes 2: Exploring 2-D Shapes 3: Consolidation  <b>Geometry Math Every Day</b> 1: Comparing Shapes  <b>Geometry Intervention</b> 1: Sorting Shapes 2: Analyzing 2-D Shapes	I Spy Awesome Buildings Sharing Our Stories
		Create a picture or design with shapes from verbal instructions, visualization, or memory.	<b>Geometry Math Every Day</b> 1: Visualizing Shapes	I Spy Awesome Buildings Sharing Our Stories

**Master 1b**

<p>A shape can change orientation or position through slides (translations), turns (rotations), or flips (reflections).</p> <p>Shapes can be turned or flipped in the creation of art.</p>	<p>Geometric attributes do not change when a shape is translated, rotated, or reflected.</p>	<p>Describe geometric attributes of two- and three-dimensional shapes in various orientations.</p>	<p><b>Geometry Cluster 1: 2-D Shapes</b> 1: Sorting 2-D Shapes</p>	<p><u>Grade 1</u> The Tailor Shop</p>
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