



**Mathology Grade 1 Correlation – Alberta
Geometry Cluster 4: Symmetry**

Organizing Idea:

Geometry: Shapes are defined and related by geometric attributes.

Guiding Question: In what ways can shape be characterized?

Learning Outcome: Students interpret shape in two and three dimensions.

Knowledge	Understanding	Skills & Procedures	Grade 1 Mathology	Mathology Little Books
<p>Familiar two-dimensional shapes include</p> <ul style="list-style-type: none"> • squares • circles • rectangles • triangles <p>Familiar three-dimensional shapes include</p> <ul style="list-style-type: none"> • cubes • prisms • cylinders • spheres • pyramids • cones <p>A composite shape is composed of two or more shapes.</p> <p>A line of symmetry indicates the division between the matching halves of a symmetrical shape.</p>	<p>A shape can be modelled in various sizes and orientations.</p> <p>A shape is symmetrical if it can be decomposed into matching halves.</p>	<p>Investigate symmetry of two-dimensional shapes by folding and matching.</p>	<p>Geometry Cluster 4: Symmetry</p> <p>19: Finding Lines of Symmetry</p> <p>20: Symmetry in 2-D Shapes</p> <p>21: Creating Symmetrical Designs</p> <p>22: Consolidation</p>	<p>The Tailor Shop</p>