**Curriculum Correlation**

**Master 31a**

**Geometry Cluster 4: Symmetry**

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| **Kindergarten** |
| 17.1 explore, sort, and compare the attributes (e.g., reflective symmetry) and the properties (e.g., number of faces) of traditional and non-traditional two-dimensional shapes and three-dimensional figures (e.g., when sorting and comparing a variety of triangles: notice similarities in number of sides, differences in side lengths, sizes of angles, sizes of the triangles themselves; see smaller triangles in a larger triangle)  20.3 compose pictures, designs, shapes, and patterns, using two-dimensional shapes; predict and explore reflective symmetry in two-dimensional shapes (e.g., visualize and predict what will happen when a square, a circle, or a rectangle is folded in half); and decompose two-dimensional shapes into smaller shapes and rearrange the pieces into other shapes, using various tools and materials (e.g., stickers, geoboards, pattern blocks, geometric puzzles, tangrams, a computer program) |
| **Grade 1** |
| Geometry and Spatial Sense  Geometric Properties  – locate shapes in the environment that have symmetry, and describe the symmetry (Activity 16)  Location and Movement  – create symmetrical designs and pictures, using concrete materials (e.g., pattern blocks, connecting cubes, paper for folding), and describe the relative locations of the parts. (Activities 17, 18) |
| Grade 2 |
| Geometry and Spatial Sense  Geometric Properties  – locate the line of symmetry in a two-dimensional shape (e.g., by paper folding; by using a Mira).  Location and Movement  – create and describe symmetrical designs using a variety of tools (e.g., pattern blocks, tangrams, paper and pencil). |

**Curriculum Correlation**

**Master 31b**

**Geometry Cluster 4: Symmetry**

**BC/YT**

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| **Kindergarten** |
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| **Grade 1** |
| Cross Strand:  Patterning and Algebra  Repeating patterns with multiple elements and attributes   * beading using 3–5 colours (Activity 18) |
| **Grade 2** |
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