**Curriculum Correlation**

**Master 31a**

**Geometry Cluster 4: Symmetry**

**ON**

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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 SenseGeometric 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 SenseGeometric 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 AlgebraRepeating patterns with multiple elements and attributes* beading using 3–5 colours (Activity 18)
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| **Grade 2** |
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