

Curriculum Correlation

Geometry Cluster 1: 2-D Shapes

ON

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)
Grade 1
Geometry and Spatial Sense Geometric Properties – identify and describe common two-dimensional shapes (e.g., circles, triangles, rectangles, squares) and sort and classify them by their attributes (e.g., colour; size; texture; number of sides), using concrete materials and pictorial representations (e.g., “I put all the triangles in one group. Some are long and skinny, and some are short and fat, but they all have three sides.”) (Activities 1–6)
Grade 2
Geometry and Spatial Sense Geometric Properties – distinguish between the attributes of an object that are geometric properties (e.g., number of sides, number of faces) and the attributes that are not geometric properties (e.g., colour, size, texture), using a variety of tools (e.g., attribute blocks, geometric solids, connecting cubes) – identify and describe various polygons (i.e., triangles, quadrilaterals, pentagons, hexagons, heptagons, octagons) and sort and classify them by their geometric properties (i.e., number of sides or number of vertices), using concrete materials and pictorial representations (e.g., “I put all the figures with five or more vertices in one group, and all the figures with fewer than five vertices in another group.”)

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BC/YT

Kindergarten
Single attributes of 2D shapes and 3D objects <ul style="list-style-type: none"> • sorting 2D shapes and 3D objects using a single attribute • exploring, creating, and describing 2D shapes
Grade 1
Comparison of 2D shapes and 3D objects <ul style="list-style-type: none"> • sorting 3D objects and 2D shapes using one attribute, and explaining the sorting rule (Activities 1–6) • comparing 2D shapes and 3D objects in the environment (Activities 2, 3) Cross Strand: Repeating patterns with multiple elements and attributes - identifying sorting rules
Grade 2
Multiple attributes of 2D shapes and 3D objects <ul style="list-style-type: none"> • sorting 2D shapes and 3D objects using two attributes, and explaining the sorting rule • describing, comparing, and constructing 2D shapes, including triangles, squares, rectangles, circles

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SK

Kindergarten
Grade 1
Shape and Space SS1.2 Sort 3-D objects and 2-D shapes using one attribute, and explain the sorting rule. (Activities 1–6)
Grade 2
Shape and Space SS2.4 Describe, compare, and construct 2-D shapes, including: <ul style="list-style-type: none">• triangles• squares• rectangles• circles.

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PEI/NB/MB

Kindergarten
Grade 1
Shape and Space SS2 Sort 3-D objects and 2-D shapes using one attribute, and explain the sorting rule. (Activities 1–6)
Grade 2
Shape and Space SS6 Sort 2-D shapes and 3-D objects using two attributes, and explain the sorting rule. SS8 Describe, compare and construct 2-D shapes, including: <ul style="list-style-type: none">• triangles• squares• rectangles• circles.

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AB/NWT/NU

Kindergarten
Grade 1
Shape and Space 2. Sort 3-D objects and 2-D shapes using one attribute, and explain the sorting rule. (Activities 1–6)
Cross Strand: Patterning and Relations 3. Sort objects, using one attribute, and explain the sorting rule. (Activities 1, 6)
Grade 2
Shape and Space 6. Sort 2-D shapes and 3-D objects using two attributes, and explain the sorting rule. 8. Describe, compare and construct 2-D shapes, including: <ul style="list-style-type: none">• triangles• squares• rectangles• circles.

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NS

Kindergarten
Grade 1
Geometry G01: Students will be expected to sort 3-D objects and 2-D shapes using one attribute, and explain the sorting rule. (Activities 1–6)
Grade 2
Geometry G01: Students will be expected to sort 2-D shapes and 3-D objects using two attributes and explain the sorting rule. G03: Students will be expected to recognize, name, describe, compare and build 2-D shapes, including triangles, squares, rectangles, and circles.

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NFL

Kindergarten
Grade 1
Shape and Space 1SS2 Sort 3-D objects and 2-D shapes, using one attribute, and explain the sorting rule. (Activities 1–6)
Grade 2
Shape and Space 2SS6. Sort 2-D shapes and 3-D objects, using two attributes, and explain the sorting rule. 2SS8. Describe, compare and construct 2-D shapes, including: <ul style="list-style-type: none">• triangles• squares• rectangles• circles.