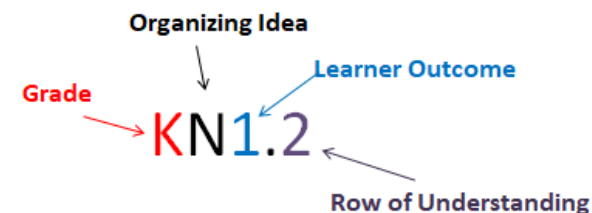


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Alberta Mathematics K-6 Scope and Sequence - Geometry

**** changes are highlighted in yellow**

	K	1	2	3	4	5	6
Learning Outcomes	KG1 Children investigate shape.	1G1 Students interpret shape in two and three dimensions.	2G1 Students analyze and explain geometric attributes of shape.	3G1 Students relate geometric properties to shape.	4G1 Students analyze and explain geometric properties.	5G1 Students investigate symmetry as a geometric property.	6G1 Students analyze shapes through symmetry and congruence.
Geometric Characteristics and Relationships	KG1.1 2D and 3D shapes found in nature - circles, -triangles -cubes -cylinders Terms-flat, curved, straight and round	1G1.1 2D shapes -squares, -circles, -rectangles, -triangles 3D shapes -cubes -prisms, - cylinders, -spheres, -pyramids, -cones Line of symmetry	2G1.1 Geometric attributes, -sides -vertices -faces or surfaces Sort according to 2 attributes Create a picture or design with shapes from verbal instructions or memory	3G1.1 Geometric Properties Perpendicular, Parallel, Equal Right angles Polygons -triangles -quadrilaterals -pentagons -hexagons -octagons Regular and Irregular polygons	4G1.1 Angle relationships supplementary and complementary Quadrilaterals Triangles- classification by sides and angles	5G1.1 2D and 3D shapes have Reflection Symmetry Order of Rotational Symmetry in 2D shapes Central Symmetry	6G1.1 Symmetry and Congruency Two transformations Reflection and Rotation Symmetry Symmetry in Tessellations
			2G1.2 Investigate Translations, Rotations and Reflections	3G1.2 Transformations of polygons Translations Reflections, Rotations	4G1.2 Compare shapes that are close approximations	5G1.2 Regular polygons- Reflection and Rotational Symmetry	6G1.2 Symmetry and Congruency of Shapes



Alberta Mathematics K-6 Scope and Sequence - Coordinate Geometry

	K	1	2	3	4	5	6
Learning Outcome						5CG1 Students relate location to position on a grid.	6CG1 Students explain location and movement in relation to position in the Cartesian plane
Location and Movement of Objects						5CG1.1 Coordinate Grids Positional Language	6CG1.1 Cartesian Plane 6CG1.2 Transformations on a Cartesian Plane -Translation, -Reflection, -Rotation

