



Content Correlation Chart
Episode 11 – Radical Reflections

Major Concepts	Grades	Geometry and Spatial Sense
	1	<ul style="list-style-type: none"> • 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) • Trace and identify the two-dimensional faces of three-dimensional figures, using concrete models (e.g., "I can see squares on the cube.") • Identify and describe common three-dimensional figures (e.g., cubes, cones, cylinders, spheres, rectangular prisms) and sort and classify them by their attributes (e.g., colour; size; texture; number and shape of faces), using concrete materials and pictorial representations (e.g., "I put the cones and the cylinders in the same group because they all have circles on them.") • Locate shapes in the environment that have symmetry, and describe the symmetry • Describe the relative locations of objects or people using positional language • Create symmetrical designs and pictures, using concrete materials and describe the relative locations of the parts
	2	<ul style="list-style-type: none"> • 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) • Identify and describe various three-dimensional figures (i.e., cubes, prisms, pyramids) and sort and classify them by their geometric properties (i.e., number and shape of faces) • Locate the line of symmetry in a two-dimensional shape (e.g., by paper folding; by using a Mira) • Create and describe symmetrical designs using a variety of tools