

4.8 Technology Resources

	4.8 Polygons: Technology Resources
Resources	<p>General Resources</p> <p>Simple video introduction to symmetry with real world examples.</p> <p>Symmetry Song video with good examples of symmetry, including bilateral symmetry, rotational symmetry, and slide symmetry.</p> <p>Lesson Series 2 Day 2 Lines of Symmetry in the Real World Google Presentation</p> <p>Lesson Series 3 Day 3 Drawing SF Cityscapes Google Presentation</p> <p>The Math Vocabulary Cards from the Math Learning Center can be customized to include topics such as Geometry. You or students can show or hide the vocabulary word, illustration, and definition.</p> <p>Pattern Blocks - Vertical Symmetry Activity Pattern Blocks - Horizontal Symmetry Activity <i>By Eric Curts - More directions at - ControlAltAchieve.com/patternblocks</i></p> <p>Re-engagement Activities</p> <p>Interactive Geoboard: Students construct polygons with given attributes.. Also has a protractor.</p> <p>Parable of the Polygon (Vi Hart): A sorting activity with triangles and squares that are in different states of happiness</p> <p>Math Cats Polygon Playground: Mesmerizing interactive page with polygons that can be used to create designs.</p> <p>Math Interactives Sorting Polygons: Explore shape classification while playing against the computer.</p> <p>Paper Magic: Folding Polygons gives step by step illustrated instructions for folding a variety of polygons, including squares, triangles, kites, rhombi, and regular pentagons, hexagons, and octagons. There are also investigations on polygon properties and suggestions for further activities.</p> <p>Patchwork Paper Patterns gives a few extensions for the folded polygons</p> <p>Reflection Painter - make drawings with symmetry (horizontal, vertical, or both)</p>