

<b>Title</b>	<b>KALEIDOSCOPE</b>
<b>Objective</b>	Given a computer and internet, students will use Twitpic to create a Kaleidoscope with 100% accuracy.
<b>Learning Environment</b>	Classroom and Computer lab
<b>Types of Students</b>	8 <sup>th</sup> Grade Geometry
<b>Standards</b>	G.2.4 Apply transformations (slides, flips, turns, expansions, and contractions) to polygons in order to determine congruence, similarity, symmetry, and tessellations. Know that images formed by slides, flips, and turns are congruent to the original image  <a href="http://dc.doe.in.gov/Standards/AcademicStandards/StandardSearch.aspx">http://dc.doe.in.gov/Standards/AcademicStandards/StandardSearch.aspx</a>
<b>Materials</b>	Colored paper Scissors Digital camera Computer (Twitpic)
<b>Procedure</b>	<ul style="list-style-type: none"> <li>• Students will create a design using polygons in a half circle</li> <li>• Take a picture of it</li> <li>• On Twitpic create a mirror image</li> </ul>
<b>Application</b>	Students will learn the basic polygon shapes and learnt the symmetrical concept
<b>Evaluation</b>	10 points for finished work 10 points for quality and complexity of design

