

1125-I1-3143      **Elizabeth C Rogers\*** (brogers@piedmont.edu), Piedmont College, 165 Central Ave., Demorest, GA 30535. *Art as a Pedagogical Innovation That Can Provide a Multicultural Dimension to the K-12 Classroom.*

Although mathematics has been described as a “universal language,” it is difficult for teachers to make it meaningful for today’s diverse student populations. The link between mathematics and the arts is multicultural with a deep historical tradition that spans the globe. Creativity that allows the artist to take a mental vision and bring it forth as art is similar to the creativity of a mathematician looking at a problem from a totally new perspective and finding a solution. Throughout history, art and mathematics have contributed to the function and beauty of civilization. This presentation will focus on mathematics and how it is distinctly evident in art. Examples of art forms from global cultures will include architecture, weaving, painting, sculpture. These will be tied to multiple levels of mathematics as a pedagogical innovation that is inclusive of all students and cultures (Received September 21, 2016)