

1135-F1-483

**Rachel Schmitz\*** ([rschmi9@students.towson.edu](mailto:rschmi9@students.towson.edu)), 8000 York Road, Towson, MD 21252.

*Vanishing points in paintings: An algebra educational activity.*

In a two-dimensional representation of lines that are parallel in 3-dimensional reality, lines converge to a point called the vanishing point. Several famous paintings make use of the vanishing point in order to show perspective within their paintings. This presentation shows a middle school algebra classroom activity that addresses a Common Core State Standard in Expressions and Equations, and discusses how paintings can be used as a context to find the point of intersection of two lines. (Received September 05, 2017)