

1035-H1-1087 **Jeff McLean*** (jtmclean@stthomas.edu), University of St. Thomas, Mail 201 OSS, Saint Paul, MN 55105. *Going 'Round in Circles.*

This presentation is designed around new materials to be used with pre-service students in one of their content courses with an aim to develop units for use in their future teaching. The materials consist of original figures generated using the Geometer's Sketchpad. The topic is mutual tangency of circles, and the materials are designed to introduce middle school students to fundamental concepts in Euclidean geometry. Through appeal to real world examples and guided discovery using the Sketchpad, the students will develop their knowledge of geometry, their ability using the Geometer's Sketchpad and their own creativity. (Received September 18, 2007)