

1116-F5-1179 **Lisa M Rezac*** (lmrezac@stthomas.edu), OSS 201 University of St Thomas, 2115 Summit Avenue, St. Paul, MN 55105-1079. *Successful Activities used in Outreach and STEM Programs*. Preliminary report.

We will discuss the topics and resources we've used successfully in outreach and STEM programs to help students see beyond calculus. These programs include summer math camps for mathematically talented high school girls, seminars for elementary education majors with specialties in STEM, math content courses for high school teachers and outreach programs in the community. Specifically, we have used projects in coding, cryptography, geometry, discrete mathematics and integrated STEM. Our goal will be to provide our review of a list of resources that provide high quality active learning sessions focused on mathematics and mathematics in STEM disciplines in varied education and enrichment settings. (Received September 17, 2015)