

1135-F1-2805      **Zdenka Guadarrama\***, 1100 Rockhurst Road, Kansas City, MO 64110. *Examples of connections to mathematics through the lens of art.*

I this talk, I will engage the audience in a short activity to illustrate the idea that reaching into mathematics through the lens of art provides very rich platform for hands on interactions with mathematics in the classroom. I will then showcase various examples of art projects and objects which my students and I have created for the exploration, analysis and synthesis of mathematical concepts. Some of these examples will come from outreach programs to elementary schools and high schools, other examples will come from work in different areas of the undergraduate curriculum, including the calculus sequence, and my experience using art in undergraduate research. (Received September 26, 2017)