

1106-H1-2746 **Dina Buric***, 516 High Street, Bellingham, WA 98225, and **Teresa Downard**. *Folding, imagining, and constructing a math and art class*. Preliminary report.

As mathematics teachers, our goal is not just to teach methods, but to encourage creative and innovative mathematical thinking. There are a myriad of topics at the intersection of mathematics and art that offer challenging problems to play with. Paper, fiber, clay and pencil can be used to fold, weave, sculpt and draw, giving mathematical concepts a whole new perspective. By creating inquiry-based lesson plans we hope to cultivate an environment where original ideas are not just encouraged, but expected. In this session we will present our experience incorporating these types of problems in the classroom, share the discoveries we have made while developing a math and art class, and give you some fun problems to think about! (Received September 16, 2014)