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Darci L. Kracht* (darci@math.kent.edu). *Adapting liberal arts mathematics hands-on activities to a large-lecture format.*

Kent State University offered a liberal arts mathematics course called Explorations in Modern Mathematics for many years in sections of 35 students. I developed hands-on activities for several of the topics in the course. These activities engaged the students and helped them to better understand the material. When budgetary constraints forced us to raise our class sizes to 100 students, I quit using these in-class activities. Then in Fall 2012, I tried a Rubik's cube unit in a large class. Emboldened by its success, I decided to use a hands-on activity involving Sicherman dice for a probability unit and a candy-dividing activity using the method of markers for a fair division unit in my Fall 2013 large-lecture classes. I will report on the degree of success of these attempts along with lessons learned. (Received September 17, 2013)