

Abstract Submitted
for the NEF11 Meeting of
The American Physical Society

Messing about with Euclid YAN YANG, HOUMAN HAROUNI, Harvard Graduate School of Education, MACKENZIE HIRD, BRIAN MCCARTHY, Massachusetts Institute of Technology, AMANDA PILLSBURY, Harvard Graduate School of Education, ZENGXU YANG, Massachusetts Institute of Technology — How to make Euclid educative and inspiring in a video demonstration for school students? This curiosity motivated our group of university students to participate in a university pilot program whose mission is to support students in producing educational videos that demonstrate classic experiments from history. The educational objective and the historical experiment focus of the pilot program intrigue us. We mess about while we encounter the geometry of Euclid's classic text. The making of the video is woven into our own exploring and our understanding of Euclid. In turn, our exploratory process strengthens our capacity to make Euclid inspiring to school-aged audiences.

Elizabeth Cavicchi
Edgerton Center MIT

Date submitted: 21 Oct 2011

Electronic form version 1.4