

1067-H1-2186

Jeremy M Riehl* (jeremy.riehl@usma.edu), D/Math, Thayer Hall, West Point, NY 10996,
Lee A Evans (lee.evans@usma.edu), D/Math, Thayer Hall, West Point, NY 10996, and **Kristin
M Arney** (kristin.arney@usma.edu), D/Math, Thayer Hall, West Point, NY 10996.
On-Demand Mathematics: Creative Uses for Smartpen Technology. Preliminary report.

The smartpen with a digital voice recorder is an emerging technology that has made its way into the classroom. The smartpen is marketed to students as an alternative to traditional note taking by synchronizing audio clips and notes into a single digital file. However, this technology provides interesting resources allowing educators to enhance students' learning experience both in and out of the classroom. In this session, we will discuss time-efficient ways to create supplemental video instruction. These videos augment traditional classroom instruction by allowing students to access on-demand videos that answer many common questions. Additionally, we will discuss ways to incorporate students in the creation of these videos. This is an active learning technique that affords students the opportunity to take responsibility for their own learning and sets the stage for a true collaborative learning environment. (Received September 22, 2010)