Beyond Elementary Functions: Introducing students to college-level academic culture in a math-based first year seminar.

The goals of many first year seminar programs are very different than those of a typical math course. Adjusting to those differences and creating a cohesive structure for a course of this type can be a challenge. On the other hand, these courses give us the opportunity to spend more time on skills that we wish we could build in our more standard classes: collaboration, growth mindset, communication, and information literacy. In this talk, I will discuss the specific goals of Saint Vincent College’s first year seminar, and how I was able to connect these to mathematical themes with specific activities. I will also discuss the difficulties I encountered along the way with some ideas of how to address these issues in the future. (Received September 25, 2018)