

1125-F5-139      **Maura A. Murray\*** ([mmurray@salestate.edu](mailto:mmurray@salestate.edu)), Mathematics Department, 352 Lafayette Street, Salem, MA 01970. *Using the Mathematics in the Simpsons in a First Year Seminar*. Preliminary report.

A first year seminar (FYS) course is designed to introduce freshman to the experience of academic exploration that is at the heart of a liberal arts education. The mathematical ideas infused in the long running Simpsons TV show offer a fun way to draw students into exploring new, unfamiliar concepts. I will share how, “*The Simpsons and Their Mathematical Secrets*”, by Simon Singh, framed our class discoveries involving logic puzzles, graph theory, number theory and geometry. Pertinent short video clips will be mentioned and activities, geared for non-mathematics majors, will be shared. (Received August 03, 2016)