1046-E1-422 Kimberly J Presser* (kjpres@ship.edu), Shippensburg University, Department of Mathematics, Shippensburg, PA 17257. Turning Point Technology: Using Personal Response Systems to Stimulate Class Participation. Preliminary report.

In the last year our department has had a classroom set of clickers from Turning Technologies. This system uses a program called Turning Point (which is Power Point with extra features) to capture audience answers into a Power Point presentation. This program has been utilized in several courses including developmental mathematics, statistics, mathematical modeling, a probability seminar, and a graduate course in technology. In developmental mathematics, the system was used to coordinate student competitions to review. Students who had been reluctant to participate in class prior to the competitions became very enthusiastic participants under the competition model. The PRS system allowed everyone's response to count so that all of the students needed to participate. Prior to using the PRS system, we had some student competitions in class, but the logistics had been a problem. The students took the competition and fairness very seriously and white boards and raised hands were difficult to manage. The use of the PRS system made the competition more manageable and encouraged everyone to be prepared. In addition, the PRS system was used for exam review and proved useful for rooting out common misconceptions about the concepts discussed in class. (Received September 02, 2008)