

1014-U1-258 **Patti Frazer Lock*** (plock@stlawu.edu), Department of Mathematics, CS, and Statistics, St. Lawrence University, Canton, NY 13617. *Poll the Audience: Using ConcepTests in Teaching Mathematics*. Preliminary report.

ConcepTests are short multiple choice questions designed to assess conceptual understanding of a topic and designed to be used in the classroom. These exercises can be used without any technology or with the use of a Personal Response System. The use of a PRS will be demonstrated during the talk, and a handout will be provided with conceptests ready to use. We will demonstrate the use of conceptests in several types of courses. We will also discuss the effect of conceptests, and the effect of using a PRS, on classroom dynamics, student understanding, student engagement with the material, and student retention. (Received September 01, 2005)