

1035-Y1-1793 **Kimberly A. Roth*** (roth@juniata.edu), Mathematics Department, 1700 Moore Street,
Huntingdon, PA 16652. *Integrating Clickers into Calculus*.

Inspired by a talk extolling the virtues of clickers, I decided to use clickers in my Calculus 1 class for the first time last spring. The experience has been worthwhile. As a learning tool the clicker questions work well and the students enjoy using them too. The setup and integration into the class itself has been less smooth. The most unexpected difficulty was when and where to insert the questions into the class. The first semester I used clickers, I mostly used them just for warmup questions.

Now that I am using the clickers again, integration into class is going more smoothly and now the I can consider what questions are most effective. Along with the publisher provided questions that are associated with the text, I have found other resources for questions.

My plan is to briefly discuss the reasons to use clickers, integrating them into a class, and show sample questions from calculus, preferably with the audience able to use clickers to answer them. It would require probably more than a 15 minute slot, if the audience gets to try the clickers. I have given a similar although slightly longer demo (30 minute) during our local section NExT meeting this fall. The slides for the presentation can be found at <http://faculty.juniata.edu/roth/teaching.html> (Received September 20, 2007)