1014-Y5-400 **W. Christopher Schroeder*** (`c.schroeder@morehead-st.edu`), 150 University Blvd., Morehead, KY 40351, and **Kendra S. Schroeder** (`k.schroeder@morehead-st.edu`), 150 University Blvd., Morehead, KY 40351. *Motivating Students by Incorporating Software in the Classroom.* Preliminary report.

Using technology for assessment and evaluation is becoming increasingly popular in mathematics classrooms across the country. While instructors utilize different types of software and vary in its application (from supplemental software to complete online courses), the ultimate goal for incorporating software should be an increase in student involvement, understanding and comprehension. To explore how software enhances student motivation, we will discuss the impact of such features as intelligent feedback, tutorials and mastery-level homework assignments on students in our algebra classes. We will also illustrate how our department has successfully incorporated software in all of its developmental and entry-level courses to facilitate testing, monitor progress and encourage students to take an active role in their education. (Received September 14, 2005)