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**Lois A Martin\*** (lamartin@adelphia.net), 25 Lydon Lane, Kingston, MA 02364. *Teaching and Learning with Tablet PCs*. Preliminary report.

As part of a grant funded by the Eastern Alliance in Science, Technology, Engineering, and Mathematics (EAST), the presenter used a Tablet PC for instruction in mathematics classes. The grant targeted students with disabilities; however, the benefits to other students and faculty were evident. The tablet was used in developmental algebra classes during the 2004-2005 academic year and will continue to be used during 2005-2006. The presenter coupled the use of the tablet in class with a WebCT component to the course. Rather than using a blackboard or whiteboard, all writing was done on the tablet pc and projected to a screen through a data projection system. Class sessions were then saved as Microsoft Word files, converted to pdf, and posted on the WebCT site for the course. This presentation will focus on the teaching and learning effectiveness of using a tablet pc in the classroom and giving students access to class materials on line. Ease of use of the tablet for writing mathematical notation, color-coding techniques, and organizational benefits in terms of student learning will be emphasized. Student satisfaction survey data from three semesters will be presented. (Received July 10, 2005)