

1035-Z1-1298      **Robert L Wilson\*** ([wilson@math.wisc.edu](mailto:wilson@math.wisc.edu)), Department of Mathematics, UW-Madison, 480 Lincoln Drive, Madison, WI 53706, and **Brian Sniff**. *Math Masters: An Innovative Inservice Program for Middle School Teachers*.

UW-Madison and the Madison Metropolitan School District have been running a program for middle school teachers in MMSD and some other nearby districts. UW faculty taught courses focusing on mathematical content in Algebra, Probability, Geometry, Measurement, and Proportional Reasoning. The courses were team-taught by faculty and district resource teachers using problems that reflected the style of problem solving the teachers would be expected to use in the reform-based curricula adopted by their districts. The faculty were also expected to use teaching techniques and technologies that would be found in the middle school classroom with those curricula, such as small groups exploring and developing ideas rather than the teacher lecturing. In addition to enhancing teacher knowledge of mathematics, a goal was to increase faculty knowledge of what actually happens in a K-12 classroom. We will present examples of class content and interaction as well as assessment results. Aspects of this program can also be used in preservice courses. This program was supported in part by Title IIB funding from the US Department of Education. (Received September 19, 2007)