

1086-F1-2444

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This paper will discuss the use of the Mathematical Habits of Mind in the “Making the Transition from High School to College” project, a Math-Science Partnership funded project for which the author was a Project Director.

As part of this project, a list of MHOM were created (based on Costa’s and Kallick’s 16 Habits of Mind). These MHOM, their meaning, and how to incorporate them into the classroom, were presented to teachers during a summer workshop.

As the academic year progressed, teachers were given continued support, (in face to face meetings and via the internet) to help them build their understanding on how to incorporate MHOM into their mathematical thinking and (eventually) their teaching. Teachers were asked to work on various problems; after solving them, they would discuss the mathematics behind them, and the various MHOM brought to bear in the problem. There were also research presentations that showed how other teachers were successfully using the MHOM in their classroom, along with the positive changes in performance that resulted.

This presentation will discuss how incorporating the MHOM allowed the teachers to begin, as one put it, “to change the culture of our classroom”; essentially changing what they and their students believed about math. (Received September 25, 2012)