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*TEACHING TO SUCCEED.*

The results of the work provided under the MAA PMET mini-grant NSF will be presented. In addition, different activities that may be used to encourage students and make math class the highlight of a students' day will be discussed. The activities (such as various puzzles, games, projects, cartoons) encourage students to learn more, keep their interest in mathematics, and involve the most unwilling part of a group to participate. They teach them how work with mathematical sources, think and speak mathematically. The majority of these activities were discussed with undergraduate PVAMU students- pre-service teachers in mathematical modelling class. (Received September 25, 2006)