

1125-R1-282

Theresa N Martines* (martines@uiwtx.edu), University of the Incarnate Word, 4301 Broadway, CPO 311, San Antonio, TX 78209. *Middle School Mathematics Day for Girls.*

This program is designed to assist girls with the transitions between middle/high school mathematics and to encourage colleges and universities to develop connections with middle schools and high schools. In the state of Texas, students are given a choice of 8th grade mathematics courses. In most cases this choice puts them on a track to either end high school with Algebra 1 or Calculus 1, students and parents are often unaware of these tracks. This program looks to show the use of mathematics in school and careers to encourage them to continue mathematics studies. Students are divided into 4 groups of 15-20 students which rotate between the various activities and speakers designed to encourage continued study of mathematics and introduce mathematics related careers. The activities are organized and supervised by faculty members, but the actual activity is run by undergraduate volunteers. The event targets 7th grade girls from the Young Women's Leadership Academy, an all-girls public school that is part of the San Antonio Independent School District (SAISD). The school is composed of 91% Hispanic, 7% African American, and 2% White (non-Hispanic) students with 92.6% of the total enrollment classified as economically disadvantaged. (Received August 23, 2016)