

1014-Z1-1100 **Rachel S Cline*** (rachelcline@yahoo.com), 5320 49th Street, Lubbock, TX 79414, and **Jerry Dwyer**. *No Boys Allowed: Assessing A Girls Only Math Club*.

A junior high girls only math club was started approximately two years ago through a grant by the Mathematical Association of America and the Tensor Foundation to promote women in math and science related career fields, encourage young women's mathematical confidence, and improve mathematical thinking. This talk describes the assessment of the impact of this club, in particular, to describe the girls' reaction to the formation of the club, to elicit their opinions on women entering science and mathematics related career fields, and to encourage girls to choose science and mathematics related careers in the future. Formal assessment is conducted through a math efficacy survey, interest inventory, student interviews, teacher interviews, researcher field notes, and tests that measure critical thinking skills. Informal assessment, collected in the previous year, showed increased student confidence and interest, but negative responses to issues related to mathematical careers. This research will also form the basis of a doctoral dissertation. (Received September 27, 2005)