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In recent years, inquiry based learning has risen in the literature as an innovative method to teach college mathematics. Originally founded in the Moore Method and applied to theory and proof courses, the method has more recently been applied to a vast number of courses and topics in many disciplines. Personal faculty teaching experience led us to be interested in this teaching methodology. We believed that this method of teaching had the potential to greatly increase student engagement and thus increase student success not only in upper level mathematics courses but also in mathematics foundation courses. Thus, we incorporated inquiry based learning into the curriculum for MAT 1100 - Mathematical Literacy for College Students at Florida SouthWestern State College. We will share the results of a one semester pilot program that included two different textbooks, four professors and multiple sections. Measured outcomes focused on the assessment of student engagement in the course. (Received September 20, 2016)