Writing across the curriculum (WAC) programs are institution-wide initiatives designed to encourage students to use writing not just as a means of communication, but as part of the learning process itself. Through journals, writing workshops, reading response essays, and other targeted writing assignments, students are called to engage in the learning process. In this presentation, I will share ways in which my work with our first year seminar and WAC has translated to stronger inquiry-based lessons in mathematics. While my talk will focus on activities in first semester calculus and basic liberal-arts math courses, I have found that many of these techniques have fared quite well in my junior/senior algebra and geometry courses. (Received September 16, 2014)