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Kay Somers* (mekbs01@moravian.edu), Moravian College, 1200 Main Street, Bethlehem, PA 18018, and **Alicia Sevilla** (means01@moravian.edu), Moravian College, 1200 Main Street, Bethlehem, PA 18018. *Engaging Students in Quantitative Reasoning: Activities, Real Data, and Relevant Issues.*

Activity-based learning using real-life examples that are relevant to students is the basis for our entry-level, general education course "Quantitative Reasoning and Informed Citizenship." We will discuss the variety of contexts, from sports to social and economic issues, and the types of activities that we've designed to engage students. We will describe two versions of the classroom activities, one using Excel and the other using a graphing calculator. (Both versions include explicit instructions on how to use the technology.) In addition, we will present positive results that illustrate how students' attitudes about and aptitude for mathematics are affected by such a course. (Received September 20, 2006)