Abstract:

Over the next decade, the United States must supply more graduates in science, technology, engineering, and mathematics (STEM) subjects to maintain its superiority in these fields. Therefore, a nationwide requirement has been to produce an adequate number of graduates in the STEM fields. A key impediment to college students majoring in STEM fields is the students’ mindset. The purpose of this study was to examine the influence of mindset interventions on students majoring in STEM fields to enhance and improve their success in a precalculus course. Two sections of reformed-oriented classrooms were used for this study.

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