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Discussion of Various Technical Strategies Used in College Math Teaching. Preliminary report.

Educational technology has encouraged students' learning success by enriching teaching in an interesting way, doing exercises in an active way, and studying math in a real-life environment. The presenter would like to share her experience on the use of different educational technologies in college math courses, such as Algebra, Statistics, and Calculus. The following technical strategies will be discussed: 1. E-Blackboard and Video teaching materials used in Flipped Classroom Approach 2. WeBWork online homework system used as Open Educational Resources 3. Digital games used in Game-based Learning Approach 4. Maple Software used in Project-based Learning Approach Technology used in math teaching has made students see the value in learning math and has encouraged students to merge math into their daily life. (Received September 16, 2018)