

Abstract Submitted
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Lecture Demonstrations and Laboratory Experiments as Learning Experiences: A Comparison of Perceived Effectiveness to Assessed Effectiveness HEIDAR A. KASHKOOLI, Husson College, Bangor Maine, CHARLES W. SMITH, Department of Physics and Astronomy University of Maine, Orono Maine — The perceived effectiveness of lecture demonstrations and laboratory experiments as learning experiences was measured using a student opinion survey. The assessed effectiveness of these learning experiences was measured by problem solving performance on examinations and quizzes covering specific demonstrations and laboratory topics. Results of the comparison of the perceived effectiveness to the assessed effectiveness will be presented.

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