

Abstract Submitted
for the TSS10 Meeting of
The American Physical Society

Quest Learning and Assessment, UT Austin¹ GERALD LEWIS, PATSY MCDONALD, RHONDA HOSTETLER, University of Texas at Austin — Quest Learning & Assessment is an innovative web-based tool for instructors and students of math and science. Quest was created at The University of Texas at Austin to address educational challenges at one of the biggest universities in the country. It now serves a primary role in classes taught within UT's College of Natural Sciences. Quest covers subjects ranging from mathematics, chemistry, biology, physics, computer science and statistics. For instructors, Quest offers an easy way to create homework assignments, quizzes and exams with its extensive knowledge base. Since most questions have built-in variations Quest can create custom assignments for each student, which are automatically graded. Once solutions are available, students can read detailed explanations to questions and understand why their answer was correct or incorrect. Quest has graded over 30 million student responses and is now available to all education institutions.

¹<http://cns.utexas.edu/quest/intro>

Gerald Lewis
University of Texas at Austin

Date submitted: 19 Feb 2010

Electronic form version 1.4