

THE PHYSICS CURRICULUM EVALUATION OF 10TH GRADE ELECTRIC AND MAGNETISM UNIT

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Abstract

The purpose of this study is to evaluate the effectiveness of the physics curriculum of 10th grade electric and magnetism unit's goals in which for the first time with the changes of 2013 physic curriculum was put in to practice in 2014-2015 academic year according to Tyler's goal based evaluation model. The study was conducted with two 10th grade classes of Turgut Özal High School in province of Van. From Van Türk Telekom Science-High School and Van Turgut Özal High Schools' 11th grade, a total of 117 students were applied for developing validity and reliability of achievement test. A Quantiative data collection tool as achievement test developed by researchers, were applied as pre test and post test. Before starting the program the pre test, after teaching and learning processes post test was applied and the difference between measurements gave the results. In addition, classroom activities consist of notes held in a form of an observation form. A Paired sample t test and as for the analyzing of observation data descriptive analysis was used. It has been searched in which extent the curriculum targeted goals were achieved.

Key Words: Educational Programs, Physics curriculum, achievement test, program evaluation.