

THE EFFECTS OF USING SMART BOARDS TO SCIENCE SUCCESSES AND ATTITUDES IN THE 7TH GRADE OF PRIMARY EDUCATION

Öđrt. Nihal Tüfekçi
Milli Eđitim Bakanlığı
tufekciinihal@gmail.com

Doç. Dr. Semra Benzer
Gazi Üniversitesi
Gazi Eđitim Fakóltesi
sbenzer@gazi.edu.tr

Abstract

The purpose of this research is to determine the effects of using smart boards to science successes, attitudes and students' opinions in the 7th grade Human and Environment unit of Primary Education. This research is a quasi-experimental study with pre-test and post-test control group. For this research, it is worked on totally 50 students of 2 classes who study in the 7th grade of a Secondary School in Kulu sub-province of Konya Province in 2017-2018 academic year. During four weeks, while Human and Environment Unit is being studied according to the conventional methods with the students in the control group, on the other hand, the same unit is being studied with smart boards' techniques in the Experimental Group. When quantitative and qualitative data obtained from the research results are analyzed, a significant difference is statistically detected in favour of the experimental group in terms of their success tests and their attitudes towards smart boards. However, any statistical difference could not be found in terms of the groups' science attitudes. It is detected from the semi-structured interview questions conducted with the experimental group that the students express their opinions positively about using smart boards in Science Lessons.

Keywords: Human and Environment, Smart Boards, Science Teaching, Attitude, Success.