



ELEMENTARY SCHOOL 6TH GRADE STUDENTS' ATTITUDES TOWARDS TECHNOLOGY AND THEIR OPINIONS ABOUT TEACHING SCIENCE AND TECHNOLOGY COURSE THROUGH INTERACTIVE WHITEBOARD

Ramazan Demir
Gazi University, Gazi Faculty of Education
Department of Science Education, Ankara
ramazandemir70@hotmail.com

Nurhan Öztürk
Gazi University, Gazi Faculty of Education
Department of Science Education, Ankara
nurhanozturk41@hotmail.com

İlbilge Dökme
Gazi University
Gazi Faculty of Education
Department of Science Education, Ankara
ilbilgedokme@gazi.edu.tr

Abstract

The purpose of the present study is to determine elementary school 6th grade students' attitudes towards technology and their opinions about teaching science and technology course through interactive whiteboard (IWB). Technology attitude scale developed by Yurdugül and Aşkar was used to determine students' attitudes towards technology and an interview protocol including one open-ended question was used to elicit students' opinions about teaching science and technology course through IWB. According to findings of the study, while there is no significant relationship between the gender variable and their attitudes towards technology, there is a significant difference favoring the male students in relation to tendency towards technology and technology for everyone, and a significant difference favoring the female students in relation to negative aspects of technology. Moreover, the students stated that they learn the topics better when IWB is used in teaching science and technology course, they feel more motivated and visualizations help them to understand better.

Key Words: Attitude towards technology, Interactive Whiteboard, Science and technology course.