

A STUDY ON STUDENTS' INTEREST AND ATTITUDES TOWARDS PISA 2012 MATHEMATICS BASED ON SOME VARIABLES

Arař. Gör. Rasim Önder
Süleyman Demirel Üniversitesi
Eđitim Fakültesi
rasimonder32@gmail.com

Öđr.Gör. Mustafa Ali Akca
Süleyman Demirel Üniversitesi
Eđitim Fakültesi
mustafaaliakca@sdu.edu.tr

Arař. Gör. Hüseyin Talha Gülsoy
Süleyman Demirel Üniversitesi
Eđitim Fakültesi
huseyingulsoy@sdu.edu.tr

Abstract

Countries participate in some international tests such as PISA, TIMMS, and PIRLS in order to compare the quality of their education system with other countries. Based on the success of the students in these exams, countries make decisions about their education systems. The education systems with the decisions taken in this direction are changed and developed. In this way, the variables that affect students' achievement are determined and this is mostly aimed at avoiding failure. This paper studies and analyzes whether there is a meaningful difference regarding the interests and attitudes of students who took PISA 2012 Mathematics test based on the variable of gender, parents' employment status, students' their own personal rooms, computer, and the Internet. The dependent variable of the study is PISA 2012 interest and attitude, while the independent variables are gender, parents' employment status, students' their own personal rooms, computer, and the Internet. Conducted in descriptive research model, the study population is consisted of 1144 15-year-old students out of 4848 who do not have incomplete and missing value problems. Some suggestions are given according to the research results.

Keywords: Interests, Attitudes, PISA, Demographic Variables.