

A STUDY ON DETERMINATION OF MIDDLE SCHOOL STUDENTS' IDEAS ABOUT RESEARCH APPROACHES IN SCIENCE LESSONS

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Abstract

This research was conducted in order to determine students' research ideas in the science class in which the inquiry based model was used. Research was constructed with 309 students in the 5th, 6th, 7th and 8th grade of 3 middle schools in Altıeylül Balıkesir province center 2015-2016 Academic Year In the spring semester. In the study, open-ended questions and demographics were used as data collection tools. Questions were asked about the research approaches in the science lessons prepared by the researches and the validity and reliability studies done about the questions. Content analysis used for analysis. The results of the research showed that most of the students were interested in science lessons, they liked to do research in science lessons and found it fun, they used the internet most while researching them, they found the research resources satisfactory, they did not encounter difficulties while conducting their research, they investigated the topics that their teachers were most introverted Most of them use the internet and they use the most wikipedia internet address from internet sites. Most students say that doing research is informative and fun, and complains that their teachers do not do research. It is advisable for the students to be informed about the various research resources they can access.

Keywords: Inquiry based learning approach, science lessons, research approaches, middle school students.