

MIDDLE SCHOOL STUDENTS OPINIONS ABOUT USE OF LABORATORIES ON SCIENCE COURSE

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Abstract

On the basis of the science course using of laboratory has an important place. Creating laboratory environments where students can work in active is between the requirements of science course. The aim of this study is to investigate the views of secondary 5th, 6th, 7th and 8th grade students on the use of laboratory at the science course. For this purpose, a questionnaire consisting of four open-ended questions to 100 students (a total of 400 students) from each grade level were applied. General thoughts on laboratory use of students in this question the sufficiency of conditions that have the science laboratory at school, and frequency of use in laboratory science and thoughts on this subject and the difficulties faced regarding the use of laboratory was asked. Students' answers were analyzed with descriptive analysis and grouped under specific categories. Students response frequency included under these categories are calculated. Ultimately, students stated they do not see enough using science laboratory at science courses and need to increase the frequency of use it. Science teachers must be better equipped and knowledgeable on the use of laboratory.

Key Words: Middle school students, use of science laboratories, descriptive analysis.