

ABSTRACT

Santrianingsih 2016. **The Optimizing Application of the Authentic Assessment on measuring the attitudes and Skills of the students in the Water Pollution Sub Concepts at the SMA Negeri 10 Bandung.** Supervisor 1 Dr. Cartonno, M.Pd, M.T and Supervisor 2 Ida Yayu Nurul Hizqiyah, M.Si.

The aim of this study is to find out how much the optimization of the authentic assessment application on measuring the attitudes and Skills of the students. This research is expected to improve the attitudes and skills of the students in the water pollution sub concept, while for teachers and schools, it can be used as an alternatives consideration to optimize the authentic assessment application in the class and to improve the quality of graduates so as to create the graduates who are competent and able to compete with the graduates from the other school. The research subject is the class X MIA 1 at the SMAN 10 Bandung with 35 subject students. The approach used in this study is a descriptive approach by using the Pre-Experimental Designs (nondesigns) method which is nearly the real experiment in which it is impossible to hold the control class. The data was then analyzed using descriptive statistical data analysis. After analyzing the research data in the form of the assessment, it shows that the attitude average is 89,79 with very good criteria and the skill average is 89.48 with also very good criteria. The student questionnaire results showed a good response after the optimizing authentic assessment was applied. The interview result from the expert team in the curriculum 2013 and the result of the authentic assessment showed that the application of the authentic assessment is very good and can be done by the educators in any process study because it will affect the learning outcomes of students. Furthermore it can be concluded that the optimizing of the authentic assessment application in the water pollution sub concept is very good to be applied in the class so as to improve the attitudes and skills of the X grade of the SMAN 10 Bandung in the water pollution sub concept.

Key words: The Optimizing Application of the Authentic Assessment, Attitude and Skill of students, Pollution Water