Mita Zanna Puspita. 2016. **Optimization Application of Authentic Assessment In Measure Attitudes and Skills on Subconcepts Waste Recycling**, Supervisor I: Mrs. Dr. Hj. Mia Nurkanti, M.Kes., And Supervisor II: Mrs. Ida Yayu Nurul Hizqiyah, S.Pd., M.Si.

ABSTRACT

Authentic assessment is an assessment that includes cognitive, affective and psychomotor. This research was conducted based on the problems in the field, where the teacher has not been optimally implement authentic assessment. So that students do not develop the potential and ability of itself in terms of attitudes and skills. This research aims to optimize the application of authentic assessment in measuring attitudes and skills in subconcepts waste recycling. This research is a qualitative descriptive study using Pre-Experimental Designs (nondesigns). Participants in this study were students of class X MIA 7 SMA Negeri 20 Bandung. Instruments used in the form of attitudes and skills assessment rubrics, student questionnaire and interviews to expert speakers. Data were analyzed using an assessment rubric calculation formula, Likert scale, data reduction, data presentation, drawing conclusions and validity of the data using triangulation. The results showed that the application of authentic assessment in measuring attitudes and skills can be said to be optimal with the acquisition value of an average of 86.25 in the realm of attitudes and the acquisition value of an average of 85.50 in the realm of the skills included in the excellent category. Students' response to the application of authentic assessment in measuring attitudes and skills also showed positive results towards learning using authentic assessment. The results of interviews with interviewees also explained that an authentic assessment may be optimized by implement them in earnest.

Keywords: Optimization, Authentic Assessment, Attitude Domains, Domains Skills, Recycling, Waste, and Waste Recycling.