

Risma Fitriyanti. 2016. **Optimizing the Application of Authentic Assessment to Measure the Attitudes and Skills of Students in Sub Concept of Waste Recycling**. Advisor I: Mr. Dr. Cartono, M.Pd., M.T. dan Advisor II: Mrs. Ida Yuyu Nurul Hizqiyah, S.Pd., M.Si.

ABSTRACT

This study was conducted based on the background that wasn't optimal application of authentic assessment to attitude and skills of students in sub concept of waste recycling in SMA Negeri 16 Bandung, learning assessment that are still using the traditional assessment that the ability of learners are less developed and applied to the world. Then learners will be more active and innovative because it had never done before learning to manufacture products. This research aims to optimize the application of authentic assessment, especially in the realm of attitudes and skills of students in the realm of sub concept of waste recycling used based learning product manufacture. This research is done in SMA Negeri 16 Bandung. Participants of this study was the students of class X MIA 4 with the number 36. The method used is Pre-Experimental Designs (nondesigns) research design One-Shot Case Study. Instruments in this study was the observation sheets attitude assessment, skill assessment sheets, sheets and sheers questionnaire interview questions to a team of experts. After doing research with the assessment of attitudes and skills assessment researchers went on data analysis by calculating the scores achieved from all aspects assessed then counted with the formula and obtained an average value of the optimal score 75 of 87,78 to the realm of attitudes and amounted to 91,43 to the realm of skill of the optimal score of 75 with both categories is very good. It can be concluded that the application of authentic assessment sub optimally using the concept of recycling waste can improve students attitudes and skill for real.

Keywords: Optimizing, Authentic Assessment, Attitudes Realm, Skills Realm, Product, Recycle, Waste and Waste Recycling