

ABSTRACT

Anggi Aris Rinaldi, *Use Of Audio Visual Media Based Learning For Building Construction Subjects*. Thesis. Jakarta, Education Courses Of Building Engineering, State University Of Jakarta. Lecturer Of Preceptor : Dra. Daryati MT and Dr. Riyan Arthur, M.Pd.

This study aim to determine the role of audio visual media based learning to improve student learning outcomes in building construction subjects in class X TGB in SMK Negeri 56 Jakarta. Research lasted from November 2016 until January 2017.

This research using experimental methods to form nonequivalent control group design study, the research carried out in a population that has been divided into two groups. Group 1 called experiment class will be treatment by the audio visual media and group 2 called control class will be treatment by the conventional media, in addition to the media that were made are validated in advance by some expert to get feasibility trial. Further trials conducted on student of class X TGB at SMK Negeri 56 Jakarta totaling 56 student. The data analysis using t-test two parties independent sample through an application program SPSS 23.

The result of this research are : Based on the study result obtained, the experiment class average pre-test score of 55,79 and get a significant increase in post-test result in which class experiment get the average value of 89,54. And for the control class average pre-test score of 62,39 and get a increase in the post-test average value of 82,61. the experiment class gained a mean difference of learning outcomes (pre-test and post-test) the building material subject amounted to 33,75 and the improvement that occurred around 16,88%. While in the control class the mean difference in learning outcomes (pre-test and post-test) the building material subject amounted to 20,22 and the improvement that occurred at 10,11%. Then it indicates that the use of audio visual media play role in improving student learning outcomes in the experiment class. It can be concluded that there is a positive effect on the use of audio visual media in improving learning outcomes in bulding construction subject in class X TGB SMK Negeri 56 Jakarta.

Keywords : Media Learning, Audio Visual Media Based Learning, Building Construction Subjects