

## ABSTRACT

### **USE OF STUDENT WORK SHEET BASED *OPEN INQUIRY SYSTEMS* CONCEPT IN MOTION TO IMPROVE RESULTS STUDENT LEARNING**

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Ilman Nurbaiti Firdaos. 2015. **Use Of Student Work Sheet Based *Open Inquiry Systems Concept In Motion To Improve Results Student Learning***. Advised by : Prof. Dr. H.Toto Sutarto Gani Utari, M.Pd and Cita Tresnawati, S.Pd.,M.Pd.

The objective of the research is to know the increasing of student's study result grade XI that uses LKS open inquiry basis on Bone Structure practicum. The method of the research is Pre-Experimental Method which designed one group pretest posttest. The population of this research are 20 students of grade XI Science at a private school in Bandung. The analysis result uses testing of T with the result; 15,51 for Tcounting, 2.71 for Ttable and 0.49 for the Gain which has meaning as Medium category. The mean of affective aspect is about 83.53 which points student's behavior while using LKS with inquiry basis is very good. The mean of psychomotor aspect is 76.45 which counted as good category. It means that the students do their practicum in using LKS open inquiry basis well. The research result shows that the use of LKS with open inquiry basis is effective for increasing the student's study result, affective aspect and psychomotor aspect of grade XI on bone structure practicum.

Keywords : Study result, LKS with *open inquiry basis*, student's affective aspect student's psychomotor aspect.