

ABSTRACT

Fidya Arfiyatusyifa. 2018. Thee Use of Problem Based Learning (PBL) by using Flip Chart in Learning Biodiversity Concept. Advisor I, Dr. Rer. Nat.. Ama Rustama, Msc. Dan Advisor II. Drh. Nia Nurdiani, M.Si.

This study attempted to prove if problem based learning (PBL) learning model could improve the students' learning outcome in studying biodiversity concept. The researcher utilized Pre-Experiment Design research method with the use of One-Group Pretest-Posttest Design. The research subject was decided by using random sampling. The research subject were the students of X MIA 3 class in SMAN 1 Subang during the odd semester in 2018/2019 learning period. The results of cognitive aspect had an average score in Pretest as big as 45 and the average score for Posttest was 89, the results of N-Gain test was 0.79 with high category. Moreover, the results for affective aspect had an average score as big as 83 with good category and the average score for psychomotor aspect was 90 with very good category. Meanwhile, the results of questionnaires showed that there was a positive response from the students as big as 79% with almost complete category. Based on the results found, this study concluded that the use of problem based learning (PBL) learning model by using flip chart could improve the students' learning outcome in studying the concept of biodiversity. This study suggested that the use of problem based learning (PBL) can be one of the alternative model for the etachers especially biology teacher in order to create a more active and interactive learning situation.

Keywords: Students' Learning Outcome, Problem Based Learning (PBL) Learning, *Flip Chart*, Biodiversity.