

ABSTRACT

Novianty Maryam. 2018. Application of Problem Based Learning Integrated Q.S. Ar-rum: 41 to Increase Learning Outcome on Concept Biodiversity Disappearance on SMAN 17 Bandung. Advisor 1 Dr. Cartonno, M.Pd., M.T and mentor 2 Gurnita, S.Si., M.P.

The background of this research is because of the low learning outcomes of class X students MIPA SMA 17 Bandung against a concept that is caused among others by the implementation of less precise learning model so that students are difficult in learning outcomes. This study aims to determine the improvement of students' learning outcomes through Problem Based Learning Integrated Q.S. Ar-rum: 41 on the sub concept of threats and consevation efforts biodiversity disappearance in SMA Negeri 17 Bandung. The population of this research is the students of class X MIPA SMA Negeri 6 Bandung, that is in class X MIPA 5 experiment class, and X MIPA 7 control class. Research method used in this research is Quasii Experiment with One-Group Pretest-Posttest Design with control class. The research instrument used is an ability test that measures learning outcomes in the form of 10 multiple choice questions. After the pretest and posttest research the researcher continued with t test and obtained with t test pretest result is significant because significantion 0,959 more than significant $\alpha=0,05$, t test posttest result is significant because signifiicantion 0,886. While the average percentage achievement of students' learning outcomes on experiment class is 76,36% and the result of control class by 66,67%. The result of data processing of this research shows that the hypothesis reject H_0 so it can be concluded that the use of learning models Problem Based Learning Integrated Q.S. Ar-rum: 41 can improve students' learning outcomes.

Keywords: Problem Based Learning Integrated Q.S. Ar-rum: 41, Learning Outcome