ABSTRACT

Rosalina Anwar**. 2018. The Application of Web Oriented Problem Based Learning Model To Improve Information Literacy Skills and Students Learning Outcomes on Biodiversity Concept.** Supervisor 1 Dr. Cartono, M.Pd., M.T. and Supervisor 2 Ida Yayu Nurul Hizqiyah, S.Pd., M.Si.

The main objective of this study is to find out the application of web oriented problem based learning model to improve information literacy skills and students learning outcomes on biodiversity concept. The purpose of this research is to improve information literacy skills and students learning outcomes in the cognitive, affective, and psychomotor aspect, for teacher and school can be used as an alternative consideration to optimize the application of information literacy skills learning and to optimize the application of innovative, active and communicative learning and to improve the quality of graduates to create competent graduates that can competence with another graduates from other school. This sample of this research is class X MIPA 4 in SMA Negeri 12 Bandung which consist of 31 students. This method of this research used is pre-experimental. The research data is analyzed by using normality test, homogeneity test, t-test and N-Gain analysis. The result showed that was an improve on students information literacy skills is 87,68% with very good criteria, got 0,69 N-Gain score in students learning outcomes with medium criteria, 82 in affective with very good criteria, and 84 in attitude assessment with very good criteria. The conclusion is that the application of web oriented Problem Based Learning can improve the information literacy skills and students learning outcomes on biodiversity concept.

Keywords: Problem Based Learning, Web, Information Literacy, Students Learning Outcomes, Biodiversity.