

ABSTRACT

Cindy Apiyani. 2018. Utilization Socio-scientific Issues Web-Oriented To Improve Information Literacy and Learning outcomes On The Biodiversity Concept. Supervisor 1 Dr. Cartono, M.Pd., M.T. and Supervisor 2 Dr. H. Uus Toharudin, M.Pd.

The main objective of this study is to find out the Utilization Socio-scientific Issues Web-Oriented To Improve Information Literacy and Learning outcomes On The Biodiversity Concept. This research is expected to improve students learning outcomes in the cognitive, affective, and psychomotor, and to improve information literacy. While teacher and school can be used as an alternative consideration to optimize the application of innovative, active and communicative and able to compete with graduates from other school. The 21st century demands students to master the skills that make students more responsive to the changes and the development of the age in the world of education, this study uses learning utilization of web-oriented socio-scientific issues. This sample of this research is class X MIPA 1 in SMA Pasundan 7 Bandung which consist of 31 students. This method of this research used is pre-experimental. The research data is test of gain normality, homogeneity test, and hypothesis test. The result got N-Gain score 0,62 in cognitive assessment with medium criteria, 70,87 in affective with good criteria, and 77,8 in attitude assessment with good criteria. Student response to learning shows the average value of 81.5 with very good criteria. Ability results information literacy show value average 83,2 with good criteria by using skala likert. So, it can be concluded that the utilization socio-scientific issues web-oriented can improve information literacy and learning outcomes on the biodiversity concept.

Kata kunci : *Socio-Scientific Issues, Web, Information Literacy, Biodiversity.*