

ABSTRACT

Voppy Siti Solihah Herniawati 2018. ***Critical Thinking Enhancement of Students Through Web-Oriented Problem Based Learning Models on the Concept of Classification of Living Beings in Pasundan 3 High School Bandung***. Supervisor I Prof. Dr. H. Toto Gani Sutarto G.U., M.Pd. Advisor II Mother. Nia Nurdiani M.Si.

This research was conducted with the aim to determine the increase in critical thinking through a web-oriented model of problem based learning on the concept of classification of living things in class X MIPA SMA Pasundan 3 Bandung. The sample in this study is class X MIPA 3, amounting to 39 students. The hypothesis proposed by the writer is "the problem based learning model can increase the critical thinking of web-oriented students on the concept of classification of living things in SMA Pasundan 3 Bandung". The research method used is Pre-experiment. The research design used is one group pretest-posttest design. Data analysis used is Normality Test, Homogeneity Test, Gain Normality Test and Hypothesis Test with t Test. The results of this study indicate that the results of critical thinking assessment is the value of N-Gain 0.51 or included in the criteria of being, the average product rating value is 86.5 or including good category, and the assessment of student response with an average percentage of 68.78 consists of an average positive response of 60% and negative 40%. The results of the hypothesis testing are believed to be significant <reference sig of 0.00 <0.05, so there is a significant difference between the pretest and posttest results. So it can be concluded that there is an increase in critical thinking after applying the problem-based learning model of web-oriented learning to the concept of classification of living things.

Keyword : Critical Thinking, problem based learning models, classification of living things