

ABSTRACT

Iis Sumiati 2018. **A Web-Oriented Constructivism Instruction Approach For Improve Student's Self-Regulation On the Biodiversity Concept At SMAN 1 Dayeuhkolot.** Supervisor 1 is Prof. Dr. H. Toto Sutarto Gani Utari, M.Pd. and Supervisor 2 is Dr. Riandi.

The purposes of this study to determine whether the web-oriented constructivism instruction approach can improve student's self regulation on the biodiversity concept. The method used in the study is pre experiment method with one-grup pretest-posttest design who applied to students X-MIA 6 class and total 38 students with used simple purposive sampling technique. Research data is collected using self regulation quistionnare, contributes a web-oriented constructivism instruction approach to self regulation observation sheet, and biodiversity concept test. Data were analyzed using hypothesis test and gain calculation. The result of this study that there are significant differences in student's self regulation between before and after being applied the web-oriented constructivism instruction approach, and if based on the results of gain calculation, it was found that the most student an increase in the medium on gain category. Other than that, this study also evaluates on biodiversity concept test and was found a significat increase on posttest with in the medium category gain calculation, and if judging from the contributes a web-oriented constructivism instruction approach to self regulation it was found the results of a very good interpretation.

Keyword: A web-oriented constructivism instruction approach, self regulation skills, biodiversity concept test.