

ABSTRACT

Gilang Medal Pangrestu. 2018. **To Improve Student`s Critical Thingking At SMAN 1 Dayeuhkolot With Web-Oriented Constructivism Instruction Approach On The Biodiversity Concept.** Preceptor I Prof. Dr. H. Toto Sutarto Gani Utari, M.Pd and Preceptor II Dr. Riandi.

The purposes of this study to determine whether the web-oriented constructivism instruction approach can improve student`s critical thinking on the biodiversity concept. The method used in the study is pre experiment method with one-grup pretest-posttest design. Determination of the study sample with used simple purposive sampling technique for the students X-MIPA class, which was chosen as the study subject it was X-MIPA 6, research data is collected using critical thinking test and contributes a web-oriented constructivism instruction approach to critical thinking observation sheet. The result of this study is the average score 40 of pretest and the average score 70 of posttest , this result showed there had been an increase on student`s critical thinking skills at X-MIPA 6, and on the results of N-Gain calculation there is in the medium category. If based on these data it can be concluded that a web-oriented constructivism instruction approach can improve student`s critical thinking on the biodiversity concept.

Keyword: critical thinking skills, a web-oriented constructivism instruction approach, biodiversity concept.