

ABSTRACT

Eki Windia Faradiah. 2017. *The Implementation of Team Assisted Individualized (TAI) Learning Based on Macromedia Flash to Increase The Science Process Skills on The Concept Of Animal Tissue*. 1st Guide. Dr. Cartono, M. Pd., M.T., and 2nd Guide. Mimi Halimah, S. Pd., M. Si.

This research is based on the result of observation of science process skill in one private high schools in Bandung city that shows the result of students science process skills on biology subject are categorized as low. This is because learning process in the classroom that is uses only lecture methode (teacher centered). The goal of the research is to increase the science process skills with the implementation of Team Assisted Individualized (TAI) learning based on macromedia flash. This research uses Pre-Experimental Design Method. Desain research in this research is The One Group Pretest-Posttest Design. The study was conducted in 2 times. The population is the student XI MIA 1 SMA Pasundan 8 Bandung with the odd semester of the year academic 2017/2018 consisted of 31 students. Data were obtained from pretest result, posttest results, observation sheets, and student response questionnaires. After researched and analyzed data, the data obtained pretest average of 38.19 and the average posttest of 69.68 with a gain index of 0.52 which indicated medium category. Based on the observation result obtained an average increase of 0,6 which indicated medium category. Based on the hypotesis test obtained a significant result, because $t_{hit} < t_{tab}$ ($\alpha=0,01$) is $1,20 < 2,70$. Based on these data hypotheses in this research significant, that the implementation of Individualized Team Assisted Individualized (TAI) based on macromedia flash can increase the science process skills on the concept of animal tissue.

Keywords: Team Assisted Individualized (TAI), Macromedia Flash, Science Process Skills, Animal Tissue.