

ABSTRACT

OIS NURMALA. 2018. "The Influence of the WIMBA Learning Model on Students' Critical Thinking Ability on the Concept of Plant Tissues (Experimental Study in Class Biology Education Department. Faculty of Teacher Training and Education. Siliwangi University.

The research objective that the author wants to achieve is to determine the influence of the WIMBA learning model on students' critical thinking abilities on the concept of Plant Networks in class XI of SMA Negeri 1 Cikalong, Tasikmalaya Regency.

This research was carried out from October 2017 to November 2018 at SMA Negeri 1 Cikalong, Tasikmalaya Regency. The method used in this research is a true experiment. The population in this study was four classes of class XI SMA Negeri 1 Cikalong, Tasikmalaya Regency, with a total of 135 students. The samples used were two classes taken in random clusters, namely class XI IPA 1 with 34 students and class XI IPA 2 with 34 students. The research instrument is a critical thinking ability test on the concept of Plant Tissue. This test is a description test with 16 questions. The data analysis technique used is the t test with a significance level (α) = 5%.

Based on the research results, it shows that there is an influence of the WIMBA Model on Students' Critical Thinking Ability on the Concept of Plant Tissue in Class XI of SMA Negeri 1 Cikalong, Tasikmalaya Regency, Academic Year 2018/2019. The findings in this research are that the Wimba learning model can improve students' critical thinking skills on the indicators of providing simple explanations, building basic skills, making inferences, and making further explanations.

Keywords: WIMBA model, Plant Network, and Critical Thinking.