

## ABSTRACT

**Devi Dahliani. 2016. Improved Results by Operation Of Student Learning Teaching Materials On The Concept Illustrated Map Concept Protists. Prof. Dr. H. Toto Sutarto Gani Utari, M. Pd., Dra. Hj. Lilis Suhaerah, M. Kes.**

Instructional materials have an important role in learning, because it is through the selection of appropriate teaching materials can direct the teachers on the quality of effective learning. One of the teaching materials that can facilitate the students to better understand the material in the learning process is learning materials such as concept maps. Concept maps are usually made in the form of charts and tables. But in this study, the researchers innovate to create a concept map display in order to train and facilitate students to identify these concepts through a line significantly interconnected and there are pictures of supporters in each concept to facilitate students in learning that is expected to improve learning outcomes students. This research was conducted on the experimental classes that have been determined based on the criteria of learning achievement almost equal in SMA Pasundan 2 Bandung with Pre-experimental research design in the form of One-group pretest-posttest design. The research data obtained by giving the pretest and posttest results. The average value of learning outcomes obtained in the class was 43.793 and 77, 897. From the test results obtained both have a value hypothesis  $t = 35.085$  bigger than  $t$  table  $(0,05) = 2.048$  at significance level of 5% or  $\alpha = 0.05$ , so the data is the average value posttest at the class there is a significant increase since  $t_{hitung} > t_{table}$ , this means  $H_A$  rejected and  $H_0$  accepted. It can be concluded that learning with instructional materials adoption of pictorial concept maps can improve student learning outcomes in the concept of protists.

Keywords: Subjects, Concept Map Display, Learning Outcomes, and protists