ABSTRACT

Ismalasari. 2018. Implementation of Concept Mapping Learning Strategy to Improve Student Learning Outcomes in Cell Matter. Preceptor I Prof. Dr. H. Toto Sutarto Gani Utari, M.Pd and Preceptor II Dr. H. Uus Toharudin, M.Pd.

Concept Mapping is the elaboration of a concept based on its proposition of a learning net which shows what concepts students need to learn and how they relate to them as a learning tool. This study aims to determine the improvement of student learning outcomes with the application of concept mapping learning strategies on cell material. Cells are the basic units of living things, with all the life activities that occur in the cell. The research method used is Pre-Experiment Design using One-Group Pretest-Posttest Design research design. The research instrument used is pretest-posttest and student response questionnaire. The results showed that there is an increase in student learning outcomes by applying concept mapping learning strategies to cell material. This can be seen from the pretest average score of 26.63 and the average posttest score of 74.84 with paired sample t test which shows a significance value of 0,000 which means Ho is rejected and Ha accepted as well as from the results of the N-Gain test got the average score of 0.66 with the medium category. Meanwhile, the result of questionnaire from all students got positive response equal to 78% with category almost entirely.

Keywords: Concept Mapping, Cells, Student Learning Outcomes