ABSTRAK

Melani Supriatna, 2016. Based Learning Implementation Practice For Improving Science Process Skills (KPS) and Mastery Students In Classroom Concepts Algae X. Supervisor 1 Prof. Dr. H. Toto Sutarto Gani Utari, M.Pd. and Supervisor 2 Dra. Hj. Lilian Suhaerah, Kes.

The purpose of this study was to determine whether there was a change after the implementation of practical based learning to improve science process skills and mastery of students on the concept of algal class X. This study uses a pre-experimental design with one-group pretest-posttest. The population in this study were all students of class X SMA Pasundan 2 Cimahi. The sample used in this study is a class X-1 amounted to 30 people, The research instrument used was a test that measures cognitive ability in the form of 30 multiple choice questions. From the results of this study, the average value of 41.66 pretest and posttest average of 81.13. After doing research on the pretest-posttest researchers went to the t test and the test results obtained with significance $t_{hitung} > t_{table}$, ie 16.21 > 2.68. Which means that starting $H_0$ (thank $H_A$) that is there is a difference of significance between the value pretest-posttest algae in class X SMA Pasundan 2 Cimahi. KPS better learning methods in improving student learning outcomes and stimulate students' enthusiasm for learning. It is proved with the average value between pretest and posttest were increased by the students after learning by using learning methods KPS on Algae material.

Keywords: Science Process Skills (KPS), Improving Learning Outcomes, Algae.