

ABSTRAK

Listya Angraini. 2016. Improved Learning Outcomes Using LKS Problem Based Learning Based On Mushroom Concept X. In Class 1 Supervisor Prof. Dr. H. Toto Sutarto Gani Utari, M.Pd. and Supervisor 2 Dr. Cartonno, M.Pd., M.T.

This research background backs of observations and interviews in one private high school in Bandung, which shows the results of student learning in science subjects classified as low-biology and one factor learning method used at the time KBM make students bored and passive. This study aims to prove whether the learning outcome learning methods Problem Based Learning in the subject matter of Mushrooms. The method used is an experimental method (Pre-Experimental Design). Design research is a One-group pretest-posttest design. The subject of this research is the students of class X IPS in one of the private high school in the city of Bandung in the first semester of school year 2015-2016, the sample is class X IS 2 was determined by purposive sampling technique. The parameters measured in this study is the result of student learning is cognitive, affective and psychomotor. Instrument in the form of 50 multiple choice questions to measure the cognitive and non-test instruments that measure affective and psikootor. Results of research in getting the average value amounted 34 pretest and posttest average of 89. After conducting the research pretest and posttest researchers went to the t test and obtained by t test results significantly, for $t > t$ table amounted to $15.76 > 2.01$.. The results of data processing showed potesis bahwahi H_0 received, so there are significant differences between students before studying with learning methods Problem Based Learning the value of students who are already on treatment given learning teaching methods Problem Based Learning Whereas, on the affective and psychomotor data showed the average student meets both criteria. So we can say the use of worksheets based learning methods Problem Based Learning in science learning in the subject matter of Mushrooms can improve student learning outcomes.

Key words: Learning Outcomes, LKS (student worksheet), Problem Based Learning, Mushrooms.