

ABSTRACT

THE USE NATURAL APPROACH TO EXPLORE NEARBY (JAS) THE CONCEPT OF BIODIVERSITY IN IMPROVING STUDENT LEARNING RESULTS

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Eva Mulyawati, 2016. The Use of Natural Approach to explore nearby (JAS) on the Concept of Biodiversity in Improving Student Learning Results. Under the guidance of Dr. Carton, M.Pd. M.T and drh. Nia Nurdiani, M.Si.

This study was conducted based on the background of low mastery of students of class X MAN 2 Cilegon on material biodiversity, most of the average value of the biological replicates under Mastery Minimum Criteria (KKM) of 75 and a low student interest towards learning biology. This study was conducted to determine whether or not improving student learning outcomes on biodiversity and the material to determine the students' response to the approach of Natural Natural Approach to explore nearby (JAS). The population of this research is the students of class X MAN 2 Cilegon. The sampling technique is purposive sampling to obtain the class X IPA 2 as many as 34 people. The method used in this study were Designs Pre-experimental research design with one group pretest-posttest Designs. The data was obtained by the pretest and posttest. Instruments in this study is an objective test of 20 multiple choice questions with five answer options that have been adapted to the achievement of the indicators that have been tested previously. Based on the research results, the value pretest ranges from 15-50 with an average of 31.97 and posttest value ranges from 65-100 with an average of 84.6. Test analysis of data obtained value gain of 0.74 with very high criteria. For the results of the calculation students activities towards learning by using the approach of Natural Approach to explore nearby (JAS) is 94.57 with the criteria very well. The results of the calculation of students' responses to learning the material biodiversity using the approach of Natural Approach to explore nearby (JAS) is 74.12 with both criteria. The results of the calculation teachers activities, RPP and teachers towards learning on material biodiversity using the approach of Natural Approach to explore nearby (JAS) has been performing well. It can be concluded that the research by using Natural Approach to explore nearby (JAS) showed an increase in student learning outcomes in the concept of biodiversity and to responses on either category.

Keywords: Natural Approach to explore nearby (JAS) learning results, student responses, the concept of biodiversity.