

USE OF MODULE LEARNING BASED MULTIMEDIA ON MATERIAL BIODIVERSITY TO IMPROVE RESULTS LEARN STUDENTS MA

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ABSTRACT

In this study was conducted based on the background of the low student learning outcomes in biodiversity contact in class X IPA MAN 5 Garut City. This is because the teaching process still uses the package biology and module learning artificial teacher as a learning resource, so 60% of students get grades under the KKM 75. This study aims to obtain information on whether the use of Module Learning Based Multimedia as a learning resource in biodiversity material can improve student learning outcomes in MAN 5 Garut. The method used in this study is the *Quasi Experiment* method with *nonequivalenty control group design* research design. The results of the research data were obtained by *pretest* and *posttest*. Instrument in this study is 15 multiple-choice objective tests. The results of this research are then analyzed using the help of *IBM SPSS 20.00 for Windows* software program which includes normality test, homogeneity test, and hypothesis test (t-test). Based on the results of the analysis and the hypothesis of the *posttest* using the t-test obtained the significance value on the *Sig. (2-tiled)* that is equal to 0,003, so the value of $\frac{1}{2}$ significance <0.05 , then the hypotesis (H_a) is accepted and the null hypothesis (H_o) is rejected. This shows that Module Learning Based Multimedia usage can improve student learning outcomes in biodiversity material.

Keywords: Module Learning Based Multimedia, Learning Resources, Learning Outcomes