

The impact of evolution learning videos on high school students' learning outcomes, location preferences, and school background

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ABSTRACT

The purpose of this study is to see what effect using evolutionary video learning media has on improving learning outcomes on evolutionary material. This study is a type of quasi-experimental research that employs a pretest-posttest nonequivalent control group design. The use of evolutionary video learning media is the independent variable in this study. This study's population consisted of class students. Multiple-choice questions are used to collect data on student learning outcomes. The Mann-Whitney Test, Wilcoxon Signed Distance Test, Effect Size Test, and N-Gain Test were used to analyze the data. This study found that using evolutionary video learning media influences learning outcomes at SMA N 2 Yogyakarta but has no effect at SMA N 1 Ngaglik. This is due to differences in the raw input of students between the two schools, resulting in differences in learning conditions at the two schools. As a result of this condition, the research findings differed. That the use of evolution learning videos improves student learning outcomes at SMA 2 Yogya but has no effect on students at SMA 1 Ngaglik.

Kata Kunci: Evolution, Instructional media, Learning outcomes.