

ABSTRAK

Dalila Harum, NIM. 4193341042. Pengaruh Model Pembelajaran Problem Based Learning Berbantuan Media Audiovisual Terhadap Hasil Belajar Biologi Pada Materi Virus Kelas X SMA Negeri 1 Sunggal.

Penelitian ini bertujuan untuk mengetahui pengaruh model pembelajaran problem based learning berbantuan media audio visual terhadap hasil belajar Biologi Kelas X. Jenis penelitian ini menggunakan penelitian eksperimen, dengan desain penelitian menggunakan pre-test pos-test control group design. Populasi penelitian ini adalah seluruh kelas X dengan 360 orang peserta didik yang tersebar sebanyak 12 kelas. Pengambilan sampel dalam penelitian ini menggunakan teknik random sampling, dengan menggunakan sampel penelitian berjumlah 60 orang peserta didik. Teknik pengumpulan data menggunakan teknik tes. Hasil penelitian menunjukkan terdapat hasil belajar yang diberikan perlakuan model pembelajaran problem based learning berbantuan media audio visual lebih tinggi dengan meningkatnya nilai hasil belajar biologi dengan kelompok eksperimen dari ($X_2=82,00$) dibandingkan dengan kelas kontrol ($X_1=63,70$). Data di analisis dengan menggunakan rumus uji-t. Berdasarkan uji-t tersebut diperoleh bahwa model pembelajaran PBL berbantuan media audiovisual berpengaruh signifikan yaitu dengan data nilai uji t = 8,42 sig.(2-tailed) yaitu 0,00. Yang menyatakan bahwa signifikansi t-tabel < dari 0,005. Dari data uji t dapat disimpulkan bahwa Model Pembelajaran Problem Problem based learning berbantuan media audio visual terdapat pengaruh hasil belajar biologi Kelas X SMA Negeri 1 Sunggal.

Kata kunci: Media audio visual, problem based learning, Hasil belajar



ABSTRACT

Dalila Harum, NIM. 419334102. The influence of the Problem Based Learning model with the help of Audiovisual media on Biology learning outcomes in virus material for class X SMA Negeri 1 Sunggal.

This study aims to determine the effect of problem based learning model assisted by audio visual media on the learning outcomes of Class X Biology. This type of research uses experimental research, with a research design using pre-test post-test control group design. The population of this study was all class X with 360 students spread across 12 classes. Sampling in this study used random sampling technique, using a research sample of 60 students. Data collection techniques used test techniques. The results of the study showed that there were learning outcomes given the problem based learning model assisted by audio visual media higher with an increase in the value of biology learning outcomes with the experimental group from ($X_2= 82.00$) compared to the control class ($X_1= 63.70$). The data was analyzed using the t-test formula. Based on the t-test, it was obtained that the PBL learning model assisted by audiovisual media had a significant effect, namely with the t-test value data = 8.42 sig. (2-tailed) which is 0.00. Which states that the significance of the t-table <0.005 . From the t-test data, it can be concluded that the Problem Based Learning Model assisted by audio-visual media has an influence on the biology learning outcomes of Class X of SMA Negeri 1 Sunggal.

Keywords : Audio visual media, problem based learning, Learning outcomes

