

**PENERAPAN MODEL *CONTEXTUAL TEACHING AND LEARNING*  
(CTL) BERBANTUAN BAHAN TAYANG *CANVA* UNTUK  
MENINGKATKAN HASIL BELAJAR BIOLOGI KELAS X SMA**

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**ABSTRAK**

Penelitian ini bertujuan untuk mengetahui penerapan model pembelajaran *contextual teaching and learning* berbantuan bahan tayang *Canva* terhadap peningkatan hasil belajar biologi. Sampel yang digunakan adalah kelas X-9 sebagai kelas eksperimen dengan menerapkan model pembelajaran *contextual teaching and learning* berbantuan *bahan tayang Canva* dan kelas X-10 sebagai kelas kontrol dengan menerapkan pembelajaran konvensional. Data yang diperoleh dianalisis dengan menggunakan uji *independent sample t-test* pada taraf signifikansi 5%. Dengan diukur menggunakan soal tes pilihan ganda, pada saat sebelum penerapan akan diberikan (*pretest*) dan sesudah penerapan diberikan (*posttest*). Penelitian ini merupakan penelitian kuantitatif dengan jenis penelitian eksperimental semu (*Quasi experimental*) dengan menggunakan rancangan *Non-equivalent pretest posttest control group design*. Hasil penelitian menunjukkan bahwa terdapat peningkatan hasil belajar peserta didik yang signifikan antara kelas eksperimen dengan kelas kontrol yang ditunjukkan dengan nilai  $p$  sebesar 0,046 ( $p < 0,05$ ). Berdasarkan hasil analisis *N-gain* skor ternormalisasi diketahui bahwa rata-rata hasil belajar peserta didik kelas eksperimen sebesar 62,73 lebih tinggi daripada kelas kontrol yaitu sebesar 55,70. Sehingga dapat disimpulkan bahwa penerapan model pembelajaran *contextual teaching and learning* berbantuan bahan tayang *Canva* dapat meningkatkan hasil belajar biologi peserta didik kelas X di SMA Negeri 2 Singaraja.

Kata kunci : *Contextual Teaching and Learning, Canva, Hasil Belajar*

***APPLICATION OF THE CONTEXTUAL TEACHING AND LEARNING  
(CTL) MODEL ASSISTED BY CANVA ANIMATION MATERIALS TO  
IMPROVE BIOLOGY LEARNING OUTCOMES OF GRADE X SMA***

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**ABSTRACT**

*This study aims to determine the application of the contextual teaching and learning model assisted by Canva animation materials to improve biology learning outcomes. The sample used was class X-9 as an experimental class by implementing the contextual teaching and learning model assisted by Canva and class X-10 as a control class by implementing conventional learning. The data obtained were analyzed using the independent sample t-test at a significance level of 5%. Measured using multiple-choice test questions, at the time before the application will be given (pretest) and after the application is given (posttest). This study a quantitative study with a type of quasi-experimental research (Quasi experimental) using the Non-equivalent pretest posttest control group design. The results showed that there was a significant increase in student learning outcomes between the experimental class and the control class as indicated by a p value of 0.046 ( $p < 0.05$ ). Based on the results of the normalized N-gain score analysis, it is known that the average learning outcomes of students in the experimental class were 62.73 higher than the control class, which was 55.70. So it can be concluded that the application of the contextual teaching and learning model assisted by Canva animation materials can improve the biology learning outcomes of class X students at SMA Negeri 2 Singaraja.*

*Keywords: Contextual Teaching and Learning, Canva, Learning Outcomes*