

**EFEKTIVITAS MODEL PEMBELAJARAN  
PROJECT BASED LEARNING BERBANTUAN MIND MAP  
TERHADAP KETERAMPILAN BERPIKIR KRITIS  
DALAM PEMBELAJARAN EKONOMI PADA SISWA  
KELAS X DI SMAS DHARMA KIRTI SENGKIDU**

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**ABSTRAK**

Rendahnya keterampilan berpikir kritis siswa, mendorong perlunya solusi dalam mengendalikan masalah tersebut. Solusi yang dianjurkan terhadap masalah tersebut yakni pemakaian model pembelajaran *project based learning* berbantuan *mind map* dalam aktivitas belajar ekonomi. Tujuan dari riset ini yakni untuk diketahuinya pemakaian model *project based learning* berbantuan *mind map* dan efektivitasnya dalam peningkatan keterampilan berpikir kritis pada siswa kelas X di SMAS Dharma Kirti Sengkidu. Riset ini tergolong riset eksperimen dengan desain *nonequivalent control grup design*. Populasi dalam riset ini yakni 49 siswa dengan sampel kelas X E.A berjumlah 24 siswa selaku kelas kontrol dengan memakai model ekspositori dan kelas X E.B berjumlah 25 siswa sebagai kelas eksperimen memakai model *project based learning* berbantuan *mind map*. Teknik pengambilan sampel memakai teknik *sampling jenuh*. Riset ini diukur dengan instrumen tes pilihan ganda dan lembar observasi. Hasil riset diinterpretasikan dari uji *independent sample t-test*, uji gain ternormalisasi, dan analisis lembar observasi. Hasil riset ini yakni: (1) ada perbedaan keterampilan berpikir kritis kelas eksperimen dan kontrol, (2) persentase keaktifan siswa menunjukkan bahwa siswa lebih aktif dengan kelas eksperimen daripada kelas kontrol, (3) persentase skor gain ternormalisasi dengan kelas eksperimen yakni lebih tinggi daripada kelas kontrol. Berlandaskan hasil tersebut sehingga model *project based learning* berbantuan *mind map* efektif terhadap peningkatan keterampilan berpikir kritis murid.

**Kata Kunci:** model *project based learning*, *mind map*, keterampilan berpikir kritis

**THE EFFECTIVENESS OF  
PROJECT BASED LEARNING ASSISTED MIND MAP  
ON CRITICAL THINKING SKILLS  
IN ECONOMICS LEARNING IN CLASS X  
AT SMAS DHARMA KIRTI SENGKIDU**

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**ABSTRACT**

*The low critical thinking skills of students encourage the need for solutions to control the problem. The recommended solution to this problem is the use of learning model project based learning help mind map in economics studies. The purpose of this research is to know the use of the model project based learning help mind map and its effectiveness in improving critical thinking skills in class X students at SMAS Dharma Kirti Sengkidu. This research is classified as experimental research by design nonequivalent control grup design. The population in this research is 49 students with a sample of class X E.A totaling 24 students as a control class using the expository model and class X E.B totaling 25 students as an experimental class using a model project based learning help mind map. The sampling technique uses saturated sampling technique. This research was measured using multiple choice test instruments and observation sheets. Research results are interpreted from independent sample t-test, normalized gain test, and analysis of the observation sheet. The results of this research are: (1) there are differences in critical thinking skills with the experimental and control classes, (2) the percentage of student activity shows that students are more active with the experimental class than the control class, (3) the percentage of normalized gain scores with the experimental class is higher than the control class. Based on these results so that the model project based learning help mind map effective in improving students critical thinking skills.*

***Keywords:*** *Project based learning model, mind maps, critical thinking skills*