

**THE EFFECT OF PROJECT BASED LEARNING MODEL ON STUDENT
CRITICAL THINKING ABILITYgroup ivenstigation
(Quasi-Experimental Study in the Basic Subjects of the Skills Program (DPK) 10th
Grade at SMK Pasundan 1 Bandung
Academic Year 2022/2023).**

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ABSTRACT

The purpose of this study is to analyze critical thinking skills in experimental and control courses before and after the adoption of the learning model. The purpose of this study is to the influence of the application of the Project Based Learning model on critical thinking skills in student's economic course at SMK Pasundan 1 Bandung. The subjects in this study were 10th grade students at SMK Pasundan 1 Bandung, academic year 2022/2023, consisting of 2 classes namely class X BDP 2 as the experimental class and X BDP 3 as the control class. The data collection used includes observation, pre-test, and post-test, as well as documentation. To achieve this goal, this study used a quasi-experimental study design that allows researchers to compare and analyze changes in critical thinking skills before and after the application of the learning model. The variables of this study consist of the influence of the Project Based Learning (PJBL) learning model as the independent variable (X), and critical thinking skills as the related variable (Y). The results showed that there was a visible influence on critical thinking skills in the experimental class compared to the control class where the post-test results for the experimental class were 47.19% and the posttest results for the control class were 39.20%. The increase in critical thinking skills by testing the hypothesis (t-test) post-test can be seen that the significance value is 0.00 or less than 0.05, which means the hypothesis that the project based learning (X) model in the basic subjects of the expertise program (DPK) has an effect on the ability to think critical (Y) of 14.91% in class X¹ BDP 2 students for the 2022/2023 school year at SMK Pasundan 1 Bandung.

Keywords: Project Based Learning Model, Critical Thinking Ability