

**EFFORTS TO INCREASE PARTICIPATION AND PERFORMANCE
IN THE LEARNING COMPETENCE OF REPAIR MANUAL
TRANSMISSION WITH PROBLEM BASED LEARNING MODEL
IN AUTOMOTIVE CLASS SMK DIPONEGORO DEPOK SLEMAN**

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ABSTRACT

This research aims at finding the ways of applying the model of Problem Based Learning (PBL) in an effort to improve student achievement and knowing the level of student participation in the theory of competence manual transmission before and after PBL models are applied in SMK Diponegoro Depok Sleman.

This research is a classroom action research carried out in two cycles. Each cycle was conducted in two sessions. Each cycle consists of the discovery issues, planning, execution and action observation, analysis, and reflection.

The research produced a model of how the implementation of PBL. Application of the model PBL tutorial discussions using seven jumps with pretest at the beginning of the session and the discussion of the material at the end of the session. This study also proves that the participation and increase student achievement at the end of the action. In the process of implementing PBL models, the first session of enrollment increased from 2.6 to 3.5 categories is not good to be a good category. While the third session there was an increase in enrollment from 3.1 to 3.5 in both categories. The learning achievement improved on KKM. It increased from 5% in early action to 61% in cycle I and again increased to 83% in cycle II.

Key Words : Problem Based Learning, Learning Participation, Learning Performance.