

**THE APPLICATION OF EXPERIMENT LEARNING ON THE LEARNING MATERIAL
THE INFLUENCE OF LEARNING MODEL CTL (CONTEXTUAL TEACHING AND
LEARNING) WITH ASK-AND-ANSWER METHOD FOR BASIC COMPETENCE
TO EXPLAIN FUNCTION AND CONSTRUCTION OF BATTERY ON STUDENT STUDY
RESULT IN GRADE X LIGHT VEHICLE ENGINEERING SMK NEGERI 1 PALANGKA
RAYA ACADEMIC YEAR 2014/2015**

**PENGARUH MODEL PEMBELAJARAN CTL (CONTEXTUAL TEACHING AND LEARNING)
DENGAN METODE TANYA JAWAB UNTUK KOMPETENSI DASAR MENERANGKAN FUNGSI
DAN KONSTRUKSI BATERAI TERHADAP HASIL BELAJAR SISWA KELAS X TEKNIK
KENDARAAN RINGAN SMK NEGERI 1 PALANGKA RAYA TAHUN AJARAN 2014/2015**

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ABSTRACT

The purpose of this study is to determine whether there is a difference in student learning outcomes by using CTL learning model and conventional methods. Benefit taken from this research is that it can provide inputs on the theory of learning and the use of variations in learning about the learning function and construction of battery with CTL learning model. This research is an experimental research design with post test only control design. After doing research on the results of post test of experimental group and the control group, normality test and homogeneity test were done as test requirements as a condition analysis prior to test of the hypothesis. Posttest results obtained from the data shows that the experiment group and the control group have normal distribution and homogeneous. Based on the results of hypothesis testing using t-test, it was obtained $t_{\text{calculated}} = 15.43$, while $t_{\text{table}} = 2.032$ at significance level of $5\% = 0.05$ and $df = (18 + 18-2) = 34$. It can be seen that $t_{\text{calculated}} > t_{\text{table}}$, then H_0 is rejected and H_a is accepted. Thus it can be concluded that there is significant influence on student learning outcomes between using CTL with those that use conventional learning model on the competency in explaining about the functions and construction of battery in class X TKR SMK B1 Palangka Raya.

Keywords: Model Learning Contextual Teaching and Learning Methods Responsible Questions, Learning Outcomes

PENDAHULUAN

Pembelajaran merupakan sebuah upaya yang dilakukan untuk memperoleh kompetensi atau berupa pengetahuan, keterampilan, dan sikap yang diperlukan dalam melakukan suatu pekerjaan. Upaya untuk meningkatkan efektivitas proses pembelajaran selalu dilakukan tanpa henti. Salah satu pertanda bahwa seseorang telah belajar adalah dengan adanya perubahan tingkah laku didalam dirinya. Perubahan tingkah laku tersebut menyangkut perubahan yang bersifat pengetahuan (kognitif) dan keterampilan (psikomotor) maupun yang menyangkut nilai dan sikap (afektif). Keberhasilan seorang guru dalam menyampaikan suatu materi pelajaran tidak hanya dipengaruhi oleh kemampuannya dalam menguasai materi yang akan disampaikan, tetapi ada faktor-faktor lain yang harus dikuasai sehingga guru mampu menyampaikan materi secara profesional dan efektif sesuai dengan pengetahuan yang dimilikinya.