

**THE IMPLEMENTATION OF COOPERATIVE LEARNING SNOWBALL  
DRILLING TO IMPROVE THE LEARNING RESULT ON POWER TRANSFER  
SYSTEM TO MAINTAIN TRANSMISSION COURSE FOR XI<sup>TH</sup> GRADE STUDENT  
OF LIGHT VEHICLE ENGINEERINGIN SMK NEGERI 1 GANTIWARNO  
IN ACADEMIC YEAR OF 2010 / 2011**

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**ABSTRACT**

This research is to increase the learning result student by improving the study process on power transfer system to maintain transmission course through snowball drilling method and knowing how big to increase of student activity and result student learning at a power transfer system in competencies to maintain transmission using application through snowball drilling method.

This research was conducted in SMK N 1 Gantiwarno, Klaten at 2010 / 2011, research subject are student grade of XI<sup>th</sup> C TKR whose 32 student. This research can be classified as classroom action research with snowball drilling method. This research was done by 3 cycles. For the begin steps with pretest to knowing the first skill, and then giving a lesson, take exercise the question with snowball drilling method which drill of snowball for exercise question by raffle to take a group student which answered the question of snowball drilling. If a group got the first chance answering the question, and the student can answer question correctly then the group gave chance to appoint one of other friends to answer the next question. If the first group who had chance to answer failed then the group had to answer the next question and so on until the student can answer the question correctly. The next step was post test, this action for knowing the comprehension and the result of the study.

From the research, it can be concluded that the process of study at power transfer system to maintain transmission course using application of snowball drilling method show increasing result of study. This result can be seen from the average value on the post test; the average value of cycle 1 was 6.9 and completeness value of study was 68.75%; the average value of cycle 2 was 7.52 and completeness value of study was 78.13%; then the average value of cycle 3 was 7.84 and completeness value of study was 87.50%. This increase had achieved KKM and completeness of study. The conclusion of the research was the result of student learning can be improved with cooperative learning of snowball drill methods.

**Keyword** : Classroom Action Research (CAR), Snowball Drilling, The result of student learning, SMK N 1 Gantiwarno