

COMPARISON OF STUDENT LEARNING USING THE LEARNING OUTCOMES USING WORKSHEETS WITH STUDENTS WHO DO NOT USE THE WORKSHEETS ON THE CONCEPT OF SISTEM GERAK IN MAN CIANJUR

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ABSTRACT

This study was conducted based on the background of the lack of understanding of students grade XI MAN Cianjur the concepts that are caused partly by the lack of creativity in the learning activities, lack of discipline of students in learning, not menggunakan learning modules LKS and learning methodology are still using the lecture method that is considered the student very boring because there is no variation in learning activities. This study aims to determine differences in student learning outcomes using worksheets learning modules with students who do not use the learning module LKS in improving student learning outcomes in the concept of motion systems in MAN Cianjur. The population of this research is the students of class XI MAN Cianjur and the sample is class XI-3 and XI-5 with the number of students as many as 30 people in the class XI-3 and 30 people in the class XI-5. The method used in this study was Quasi Experimental design randomized control group pretest-posttest design. Research instrument used is a test that measures cognitive ability in the form of 20 multiple choice questions that are tailored to the achievement of the indicators of learning that has been tested before. After pretest and posttest researchers went to the t test and were awarded with significant differences. Based on the results of research and discussion by using the t test where $t_{hit} > t_{tab}$ and based on the average value between students who use the learning module LKS is equal to 77.17 while students who do not use the worksheets in the amount of 68.33, the concept of motion in the system an MAN Cianjur. It can be concluded that students who use different worksheets learning modules with students who do not use the worksheets and student learning modules that use the learning module LKS better than students who did not use the learning module LKS.

Keywords: Learning Module LKS, Learning Outcomes.