

Yuan Puspita Harnum. 2016. **Assembling Guided Inquiry Learning's Variation With Map Concept to Studying result on Bloods Circulation**. First Adviser Prof. Dr. H. Toto S. Gani Utari, M.Pd and second Adviser Ida Yayu Nurul Hizqiyah, S.Pd.,M.Si

ABSTRACT

This study was conducted based on background of the lack of understanding of student in class XI MIPA at one high school in Bandung on a concept which is caused by application of learning methods that are less precise, so the students are difficult to understand the message of the material presented by the teacher, the students only able to memorize it, then the student are more understand where the material learned by discussing his own friends. This study aims to determine the learning outcome using guided inquiry learning (guided inquiry) varied by concept maps on the concept circulatory system. The population of this research is a class XI at the national high school of bandung, which is a class XI MIPA with 30 student. The method used in this study was pre-experimental design. The study design used is the one-group pretest-posttest design. The research instrument used was a test that measures cognitive ability in the form of 30 multiple choice questions that are tailored to the achievement of learning indicators that have been tested previously. From the result, the average pretest score of 32,5 and an average posttest of 82. After analyzing the data, the assessment result data determine the average number of 76,33, with good criteria, and skills assessment showed an average of 80,83 with the criteria very well. After doing research pretest and posttest researchers when to the t test and obtained by t test result are significant because $t_{count} > t_{table}$ amounted to $23,76 > 2,06$. The result of data processing of this study indicate that the hypothesis reject H_0 , so it can be conclude there are significant differences. So we can say the use of guided inquiry learning (guided inquiry) varied by concept maps on the concept circulatory system can improve learning outcome learners.

Key Word : Guided Inquiry Method, Map Concept, Studying result, Blood Circulation