

CHAPTER V

CONCLUSIONS AND RECOMMENDATIONS

A. Conclusions

Research of Project-Based Learning implementation has been conducted systematically, based on the research result it is obtained some conclusions as follows:

1. The implementation of project-based learning model on Global Warming chapter can improve students' understanding, it can be noticed by processing the differences between pretest and post-test score which is gained by students that shows an improvement and obtain normalized gain as much as 0.61 which include as medium category.
2. Project based learning model is capable to improve students' creativity when is implemented on Global Warming chapter, it stated so because of the result from students' creativity before and after project based being implemented shows an improvement from enough to good category. The improvement is indicated by the percentages of each creativity dimension after project based implementation as much as 76%, 84.3% and 77.3% which categorized as good.
3. The respond of students towards project based learning implementation shows positive respond in all indicators; teamwork ability, understanding trough project based learning, creativity, and respond to poster as final product. The highest score is obtained by poster as final product it means that most of students agree that poster is really appropriate to be created as final product of the project in learning global warming concept.

B. Recommendations

Based on the findings of the research that has been conducted and concluded, there are several recommendations that necessary to be conveyed by the researchers, some of them are:

1. Project-based learning model can be implemented as an alternative teaching strategy for science teacher in providing activities to students to develop their creativity.
2. At assign collaborative working group, the teacher should determine the group members that consist of low and high achievement student. The teacher also should make sure that each group is working collaboratively.
3. Teacher should determine the time allocation for project to be finished. It is very important to track the students so that the students can finish the project optimally.
4. At teacher consultation input/feedback stage, the teacher should make sure that each group has chance to have consultation, it is expected by having consultation the students can share their difficulty in completing the project.
5. At final project shared with larger group stage, teacher should make sure that the concept delivered by students are correct, therefore misunderstanding will not be happen.
6. To other researcher who also have the same interest to implement project-based learning model, it is recommended to develop the research wider in term of research variable and relating it with the recent problems.