CHAPTER V
CONCLUSIONS AND RECOMMENDATION

A. Conclusions

The conclusions of analyzing The Impact of Practical Works on Creative Disposition, Students’ Creativity and Understanding in Learning Heat Transfer are shown below.

1. The Lesson that implement experiment or practical method on Heat Transfer chapter was affected the creative disposition in the lesson. It can be noticed from the result of analyzing the instructional video using software Videograph that in experiment class has longer time result of appearing time for each indicator of creative disposition model rather than the implementation of demonstration method in the lesson in control class.

2. The implementation of experiment or practical method in the lesson on Heat Transfer chapter can improve students’ creativity, it can be known by processing the difference of creativity dimension percentage between experiment and control class. The percentage of students’ creativity in creating thermos of experiment class is higher than control class in all creativity dimensions, namely: novelty, resolution, and elaboration and synthesis.

3. The implementation of experiment or practical method in the lesson on Heat Transfer chapter can improve students’ understanding, it can be proved by the results of average N-gain of experiment class is higher than control class, which is 0,71 which is categorized as high improvement and average N-gain of control class is 0,61 which is categorized as medium improvement. The improvement of students’ understanding also supported by the acceptance of H1 which means that there is a significant effect of learning using experiment or practical method towards students’ understanding.
B. Recommendation

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

1. In the learning process, the students should be triggered more to applied the knowledge that already studied and also students need to be triggered to formulate the productive question and construct the knowledge to improve the creative disposition in the lesson.

2. Experiment method can be implemented as one of teaching method to improve students’ creativity and understanding on another concept that require students to share their knowledge and develop the creativity.

3. The one of important thing before conduct the research is Analyzing students’ ability before grouping the students. The group members should consist of low and high achievement student. Teacher also should make sure that each group is working collaboratively.

4. The time allocation for creating thermos should be determined properly, so that students can finish it optimally.

5. Teacher supervision during creating thermos is necessary to make sure every group member active in giving the idea and share their knowledge among the groups member.

6. The time allocation of the lesson that implements experimental method should be determined properly so students can finish the experiment optimally.