

CHAPTER V

CONCLUSION & SUGGESTION

5.1. Conclusion

Based on the research result, data analysis, and discussion, the conclusions of this research are as followings as below:

1. Implementing of Problem Based Learning (PBL) model in learning process has a significant effect toward critical thinking skill of student about heat and temperature, and the implementation of PBL model is effective to improve critical thinking skill of students with the mean improvement (N-gain) is 0.39, this means that the improvement of students' critical thinking skill is 39%. Meanwhile in control class increase 24%
2. Implementing of PBL model can improve critical thinking of students, it is shown by N-gain from experiment class that is 0.39 that is categorized as a medium gain. While in control class the gain only 24% and categorized as low gain. The difference is 15% that at least give much impact to students critical thinking.

5.2. Suggestions

Based on the research result, data analysis, discussion, and weakness had been faced, researcher suggest these things; (1) before implementing PBL, observe condition and quality of knowledge of student, school facilities, and time; (2) and try to use this PBL model in learning process by team teaching, because of it is hard to control all activity of student by using this model lonely.