CHAPTER V
CONCLUSION AND SUGGESTION

5.1. Conclusions

Based on the study results and discussion several conclusions are obtained:

1. The mean of students' physics cognitive competence in experimental class was 72.97 with the standard deviation of 19.10 while in the control class the mean of students' physics competence was 54.97 with the standard deviation of 21.93. Based on the hypothesis testing obtained that Students' Physics Cognitive Competence Using Scientific Inquiry Learning Model Based on Conceptual Change was better than Using Conventional Learning.
2. The mean of students' science process skill in experimental class was 79.66 with the standard deviation of 10.83 while in the control class the mean of students' science process skill was 63.97 with the standard deviation of 11.09. Based on the hypothesis testing obtained that Students' Science Process Skill Using Scientific Inquiry Learning Model Based on Conceptual Change was better than Using Conventional Learning.

5.2. Suggestions

The suggestion in this research is divided by two, practical and suggestion for further researcher.

5.2.1. Practical Suggestion

1. It takes a good predicting capability to explore the understanding of students in solving a given problem in implementing Scientific Inquiry Learning Model Based on Conceptual Change.
2. Suggested to be wise in the management of stage in Scientific Inquiry Learning Model Based on Conceptual Change to achieve the improvement of students' physics cognitive competence and science process skill.
3. Suggested to implement the Scientific Inquiry Learning Model Based on Conceptual Change to improve students' learning outcomes

5.2.2. Suggestion for Further Researcher

1. The effects of other methods, techniques, and models improving students' physics cognitive competence and science process skill (SPS) can be investigated and examined
2. By performing the Scientific Inquiry Learning Model Based on Conceptual Change, the effects with different variables can be investigated and the results can be compared with the result of this research.