CHAPTER V
CONCLUSION AND RECOMMENDATION

5.1 Conclusion

Conclusion can be drawn based on research questions that have been formulated before. The conclusions of this research are:

1) The use of guided inquiry laboratory with video embedded gives improvement of students understanding. Eventhough the value of n-gain categorized as low level, the statistical test shows that there is significant difference between students' understanding before and after the implementation of guided inquiry laboratory activity with video embedded.
2) Students are motivated by the implementation of guided inquiry laboratory activity with video embedded in learning light and optics. There are 15 students from 20 students or 75% students are motivated in learning light and optics by using guided inquiry laboratory activity with video embedded. Almost all statements related to students motivation toward science learning can be approved by students. Implementing guided inquiry laboratory activity can increase students confidence that can make students more active for asking and more confidence in deliver their opinon.

5.2 Recommendation

This research still need improvement to be better for future research, some recommendations stated help for the next relevant research. The recommendations are:

1) There should be improvement of research method which is true experiment, and add more sample so the data analysis will be more valid.
2) Teaching style and teaching method should be controlled in the future research.
3) RASCH Model also use to analyze the data of limited test.