CHAPTER V

CONCLUSION AND SUGGESTION

5.1 Conclusion

Based on result research and data collection, can be concluded that :

1. The highest of student pre test value in experiment class is 60 (medium category) and the lowest of student pre test in value in experiment class is 20 (low category) . The highest of student post test value in experiment class is 95 (high category) and the lowest of student post test value in experiment class is 65 (medium category). The average of student pre test value in experiment class is 43.23 (low category) and the average of student post test value in experiment class is 79.19 (medium category).

2. The highest of student pre test value in control class is 65 (medium category) and the lowest of student pre test in value in control class is 20 (low category). The highest of student post test value in control class is 80 (high category) and the lowest of student post test value in control class is 45 (low category). The average of student pre test value in control class is 43.59 (low category) and the average of student post test value in experiment class is 62.34 (medium category).

3. The learning outcomes in experiment class by using Guided Inquiry Learning Model greater than the learning outcomes in control class by using Conventional Learning. So there was the effect of Guided Inquiry Learning Model on Student's Learning Outcomes in Topic Temperature and Heat in Class X Semester II SMA N 1 Berastagi Academic Year 2013/2014.

5.2 Suggestion

Based on discussion of research result and conclusion above, writer give suggestions as below :

1. For further researcher who wants to observe using Guided Inquiry Learning Model, observer must make students more active.
2. For further researcher who wants to observe using Guided Inquiry Learning Model to do more efficiently may using a media in learning process, so can increased of student outcomes.
3. For further researcher who wants to observe ysing Guided Inquiry Learning Model should more make the experiments and observations can be implemented, it would require the creativity of teachers to design and create a simple lab instruments.