

CHAPTER V

CONCLUSION AND SUGGESTION

5.1 Conclusion

Based on the research result had been doing at grade X SMA Negeri 11 Medan, data analysis, and discussion so can be concluded that:

1. The average value of student learning outcomes using inquiry based learning model higher than student who get direct instructional model.
2. There is significant difference of student learning outcomes using Inquiry based learning and direct instructional model in dynamic electricity topic. Base on the result of the analysis of data processing hypothesis testing the t test get that $t_{\text{count}} > t_{\text{table}}$, Inquiry-based learning model makes students more active, more enjoyable learning condition, and the learning model very supportive in increasing in the student's learning outcomes.

5.2 Suggestion

Based on research result and discussion before, researcher give suggestions as Experiences of researcher, the time when learning activities occur not manage well. To make the experiments in Inquiry-based learning model can be implemented, it would require the creativity of teachers to design and create a simple lab instruments and also the guidance from teacher when student doing experiment is really needed.