

CHAPTER V

CONCLUSION AND RECOMMENDATION

5.1 Conclusion

Referring to research finding in The Profile of Students' Science Process Skills in Learning Muscle Tissue Experiment at Secondary School, it can be concluded as follow:

- 1) Based on the research finding data, students' basic science process skills can be concludes in category level of sufficient.
- 2) Students' integrated science process skills result concluded in category level of high.
- 3) The results of students' basic science process skills based on gender shows that, male students did outperformed female students in some indicators and categories but it is not guarantee that male is better that females, because in learning the concept they learn it in the same class at same time with the same teacher. There are no differences in learning to state that which one is better than the others.

5.2 Recommendation

Considering that the research still needed to be developed and improved, there are several recommendations that necessary to be conveyed by researchers, some of them are:

- 1) The use of instrument should be appropriate and adjusted for students' condition and ability in reading and used of language.
- 2) The development of instrument that more convenient and easy to use for the students and observers. Instruments should be more simple for students can be used, and for the observer.
- 3) More judgments by the experts to validity the instruments repetitively.
- 4) On the process of obtaining data, provide effective and enough time. If the obtaining data through observation in laboratory activity provide more than enough tools and materials for students to used.

- 5) For junior high school students, it would be better if the worksheet to use the language their usually used for obtain the data easier. It will be save much more time because there are no difficulties in understanding the worksheet.
- 6) In profiling students' science process skills use more large number of participants with different variable such as understanding of concept or mastering of concept, so the results of study can be divers other than just comparing between genders.