

CHAPTER V

CONCLUSION AND RECOMMENDATION

5.1 Conclusion

Based on the research that has been conducted, there are some conclusions about this research which are on students' critical thinking skills after learning climate change with discovery learning by using Screencast-O-Matic application is considered good because there is medium improvement on students' thinking ability according to n-gain score from pre-test and post-test. The highest improvement is in Practicing Thinker category and the lowest improvement is in Advance Thinker category.

For students' communication skills after learning climate change with discovery learning by using Screencast-O-Matic application is considered enough because of there is low improvement on students' communication ability according to n-gain score from pre-test and post-test. The improvement is considered enough because of most of the students already have good communication ability. The most improvement is in Proficient category and the lowest improvement is in Basic category.

A correlation is showed between the average score of students' critical thinking skills and students' communication skills. In students' critical thinking skills has the highest average score which is 70.34 out of 100. It is related to the results of students' communication skills which has the highest average score of 55.42. Nevertheless, the individual correlation between both variable is in the strong correlation category with the coefficient correlation of 0.716.

5.2 Recommendation

Based on the findings of the conducted research that has been concluded, there are some recommendations for other researchers and teachers who can develop and improve the educational field which are for another researcher, the achievement of students' critical thinking skills and students' communication skills that are measured through an objective test

and discovery learning model with screencast-o-matic application in climate change topic is expected as a basic information to the further research due to the innovation in improving the same variable. Moreover, this study can be used as a reference for other relevant research. The validation of the test items, students' critical thinking skills rubric and students' communication skills rubric should also be more considered.

Whereas, recommendation for teacher on the implementation of discovery learning by using Screencast-O-Matic application in learning climate change can be a reference for teacher to conducting teaching learning process to assess students' critical thinking and communication abilities. Teacher should make sure the rules and procedures must be clearly explained and also the facilities that will be used are available such as computer or laptop, internet connection, and Screencast-O-Matic application.