

CHAPTER V

CONCLUSION AND RECOMMENDATION

5.1 Conclusion

Based on the research question and finding that has been conducted in SMP Ar-Rafi Drajat, there are some conclusions about this study as follows:

- 1) The students' learning process after learning environmental pollution by using digital scrapbook via canva shows a good result. Based on observation, all of the main activities in the learning process were implemented and in line with the planning. The main activities are tutorial on using canva, the making of presentation, the presentation session, and material review by the teacher. It means that students very well participated in learning and teaching activities.
- 2) The students' scientific literacy after learning environmental pollution by using digital scrapbook via canva is considered good because the average score of the test is 82,56 with the minimum mastery criteria for Biology course is 76,00. Based on the result, the highest average score is on attitude indicator with 91,94. Meanwhile, the lowest average score is on concept indicator which has the score of 63,54 and competencies indicator has the score of 70,97. All scores are in range of 0-100.
- 3) The students' verbal and visual communication skill after learning environmental pollution by using digital scrapbook via canva shows the fair results. Overall, verbal communication competency area has the average score of 2,31 out of 3. Meanwhile, visual communication competency area has the average score of 2,18 out of 3. The students' verbal communication has better result than students' visual communication although both in the same fair category.

- 4) A correlation is showed between the average score of students' scientific literacy and students' communication, especially in attitude indicator. In students scientific literacy, attitude indicator has the highest average score which is 91,94 out of 100. It is related to the results of attitude indicator in verbal communication which has the highest average score of 2,4 out of 3. Nevertheless, the individual correlation between both variable is in the low category with the coefficient correlation of 0,271.

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 as follows:

- 1) Another researcher

The achievement of students' scientific literacy and students' communication skill that are measured through an objective test and canva website in environmental pollution 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. It is suggested to use broader sample for conducting the research, in finding more trusted results. The validation of the test items and students' communication rubric should also be more considered.

- 2) Teacher

The descriptive analysis about the implementation of canva website in learning environmental pollution can be a reference and basic information for teacher to conducting teaching learning process to assess students' verbal and visual communication abilities. Teacher should make sure that the facilities that will be used are available at school, such as computer, Wi-Fi, and canva website. Explaining the rules and procedures for making design in canva website must be clearly explained.