

CHAPTER V

CONCLUSION AND RECOMMENDATION

5.1. Conclusion

Based on the results of discussion on chapter IV about the implementation of stellarium as an interactive multimedia on students understanding and students' motivation in learning solar system was placed in one of Independent school in West Bandung at 8th grade can be concluded as:

- a. The implementation was done well based on the implementation percentage which was reached 90 %.
- b. There is significant improvement of students' understanding in learning motivation using stellarium in learning solar system. The result that obtained is from normalized gain from both of class experimental class and control class. Experimental class has the value of average N-gain is about 0.33 and for control class is 0.2. It strengthen with the result of independent sample test which has the value of sig (2-tailed) is 0.019 which < 0.05 its mean the hypothesis for this research is $H_0 =$ rejected, $H_{1=}$ is accepted.
- c. The students' motivation in learning solar system using stellarium is categorized as adequately motivated which has value of average motivation is 100.5. The result that is obtained from interpretation students' motivation which analyzed by researcher.

5.2. Recommendation

This research has a lot of weakness. Below some recommendations for next researcher who want to conduct this research in other sample.

- a. The time for the research must be plenty
- b. The media or the Stellarium must represent all material in the subject
- c. The media or stellarium must easy to understand by students.
- d. The observation sheet should in clear scale and minimal 3 observer.

