

## CHAPTER V

### CONCLUSION AND RECOMMENDATION

#### A. Conclusion

Based on research the result of implementation of 5e learning cycle model in concept of pollution and environmental damage show that student learning achievement is improve, it is indicated by average score of normalized gain <g> as much as 0.61 which categorized as medium improvement . It is acquired some conclusions as follows:

1. The effect of 5e learning cycle model can improve students' learning achievement. It is indicated by result of students' activity during implementation and students' cognitive domain. In result of students' activity that shown highest level of learning cycle is elaboration phase and evaluation phases and in students cognitive domain that shown highest level is C2 (Understanding). It means there are effect between 5e learning cycle model and student learning achievement and also improvement.
2. Respond of student toward implementation of 5e learning cycle model show positive respond, it is indicated by the result which categorized is very strong. It means students agree that 5e learning cycle model can make understand science concept, fun and enjoy, make more sensitive to natural world problem, and can give good solution about natural world problem.

#### B. Recommendation

Considering that the implementation is still need to be developed in a way to find perfection, the following recommendations are suggested further research:

**Rizal Syafrudin,2014**

*THE EFFECT OF 5E LEARNING CYCLE MODEL TO IMPROVE STUDENT'S LEARNING ACHIEVEMENT IN POLLUTION AND ENVIRONMENTAL DAMAGE*

Universitas Pendidikan Indonesia | repository.upi.edu | perpustakaan.upi.edu

1. Requiring experiment class and control class to make researcher easy to compare with other model.
2. In this study 5e learning cycle model can be implemented in short meetings. It is to avoid the schedule from disorganized become organized, so that the learning activity can run well and appropriate with schedule.