

CHAPTER V

CONCLUSION AND RECOMMENDATIONS

A. Conclusion

After research conducted by comparing the experimental and control classes prove that 7E learning cycle model can improve students' achievement in cognitive domain on motion with constant acceleration concept. Based on results and discussion, it can be concluded that the improvement of student's achievement in cognitive domain that using 7E learning cycle model better than using conventional learning model. It can be seen from data obtained that normalized gain in experimental class is 0.88, meanwhile in control class is 0.62. Students' response to learning activities by using 7E learning cycle model include into positive response.

B. Recommendations

Based on results and conclusion which is obtained, so there are several recommendation as follow:

1. 7E learning cycle model as an alternative of learning models that can be used to facilitate and improve students' achievement.
2. Based on research that has been conducted by researcher, when designing lesson plan it needs good plan by considering time that will be used in every phase of 7E learning cycle. Moreover, students' condition in instructional process should be considered.
3. Based on research that has been conducted by researcher, it is better to apply the learning by using 7E learning cycle repeatedly for the other concepts before taking the data so that students are familiar with 7E learning cycle model.
4. Achievement that use in this research only cognitive achievement. For further research is needed to conduct research in 7E learning cycle to observe students in affective and psychomotor achievement.

5. Based on the result of questionnaire, engage phase is highest result. So give more attention to engage phase, it can be used puzzles, games, etc. not only using animations.
6. When the implementation of experiment activity about motion with constant acceleration, condition of class little bit crowded. So, teacher should guidance more equal distributed in each group in order to reduce the chances of students to annoy, thus condition of learning more conducive.
7. When the implementation of 7E learning cycle model, it need observation instrument to know 7E has been implemented well or not.

