CHAPTER V

CONCLUSION AND SUGGESTION

5.1. Conclusion

Based on result research and data collection, can be concluded that:

1. The student's achievement that taught by problem based learning using molymod made of plasticine is significant higher than direct instruction using molymod made of plasticine in topic Hydrocarbon.
2. Based on the calculation, average normalized gain achievement of students taught by problem based learning using molymod made of plasticine in the hydrocarbon topic is 82%. Average normalized gain achievement of students taught by direct instruction using molymod made of plasticine is 53%. It showed there was percent difference of students' achievement between experiment class and control class as much as 29%.

2. Suggestion

Based on discussion of research result and conclusion above, writer give suggestions as below:

1. For teachers is expected to apply problem based learning using molymod made of plasticine in teaching and learning process, to increase students' interest, motivation and self confidence in learning, so that chemistry be a fun lesson especially in hydrocarbon topic.
2. In the selection of learning approaches and teaching model, teachers should notice the factor of student and the material that will be delivered.
3. For the further researcher who wants to observe more about problem based learning using molymod made of plasticine, to be more concerned about the weaknesses in this study to get better results.