

## CHAPTER V

### CONCLUSION AND SUGGESTION

#### 5.1 Conclusion

After conducting the research and analyzing the data, there are some conclusions that obtained, they are:

1. Students' achievement of the class taught by using POGIL strategy with interactive media based on lesson study on teaching stoichiometry has higher significant difference compared to the class taught by using direct instruction method in all of schools. Learning stoichiometry by using POGIL Strategy based on Lesson study with Interactive Media can increase the student achievement at 3 senior high school target. It can be seen from the gain value in each school. The students achievement at third school (SMAN 2, SMAN 3, SMAN 15) for experiment class using POGIL Strategy based on lesson study is higher than in control class by using direct Instruction
2. Students' interest of the class taught by using POGIL strategy with Interactive media based on lesson study on teaching stoichiometry has higher significant difference compared to the class taught by using using direct instruction method in all of schools. By using POGIL Strategy based on Lesson study with Interactive Media can increase the student interest. It can be seen from the observation sheet and questionnaire data that got in 3 of senior high school. The students interest increase per meeting in each of school target.
3. There is a significant correlation between student's interest and the increasing of student's achievement in 3 of senior high schools. It can be seen using SPSS Program from the value of Sig. ( $\text{sig} < \alpha ; 0.000 < 0.05$ ). The third of school have high correlation.

## 5.2 Suggestion

1. It is suggested for chemistry teacher to use Strategy based on Lesson study with Interactive Media on learning stoichiometry topic to increase student's achievement in learning process.
2. It is suggested for chemistry teacher to use POGIL Strategy based on Lesson study with Interactive Media on learning stoichiometry topic to increase student's interest in learning process.

