

CHAPTER V

CONCLUSION AND SUGGESTION

5.1. Conclusion

Conclusion of this research based on data of research result, data analysis, and discussion so can conclude that:

1. Student's learning outcome of physics which use Cooperative Learning Type TGT using Concept Maps on Fluid Dynamic's Topic Grade XI SMAN 5 Binjai AY. 2012/2013 before given treatment average of pretest as 38.33 and after given treatment is 75.63.
2. Student's learning outcome of physics which use Direct Instruction Learning Models on Fluid Dynamic's Topic Grade XI SMAN 5 Binjai AY. 2012/2013 before given treatment average of pretest is 37.4 and after given treatment is 65.4.
3. There are different caused the effect of Cooperative Learning Type TGT using Concept Maps towards learning outcome on Fluid Dynamic's Topic Grade XI SMAN 5 Binjai AY.2012/2013 with $t_{\text{count}} > t_{\text{table}} = 3.263 > 2.013$ at significant level $\alpha = 0.05$.

5.2. Suggestion

Based on research result and discussion before, researcher give suggestions as follows:

1. To the next researcher who want to do research about cooperative learning type TGT suggested more direct, or guide student to be more active while work in group by ask to every student in group about what student already do in group so student will be motivate to be active in solving group assignment.

2. To the next researcher suggested before start teaching learning process, firstly should be explained to student how the implementation of cooperative learning type TGT using concept maps, so at teaching learning process is occur student already know what will do.
3. To the next researcher who will do research about cooperative learning type TGT using concept map suggested to use time effectively as possible.