

CHAPTER V

CONCLUSION AND SUGGESTION

5.1. Conclusion

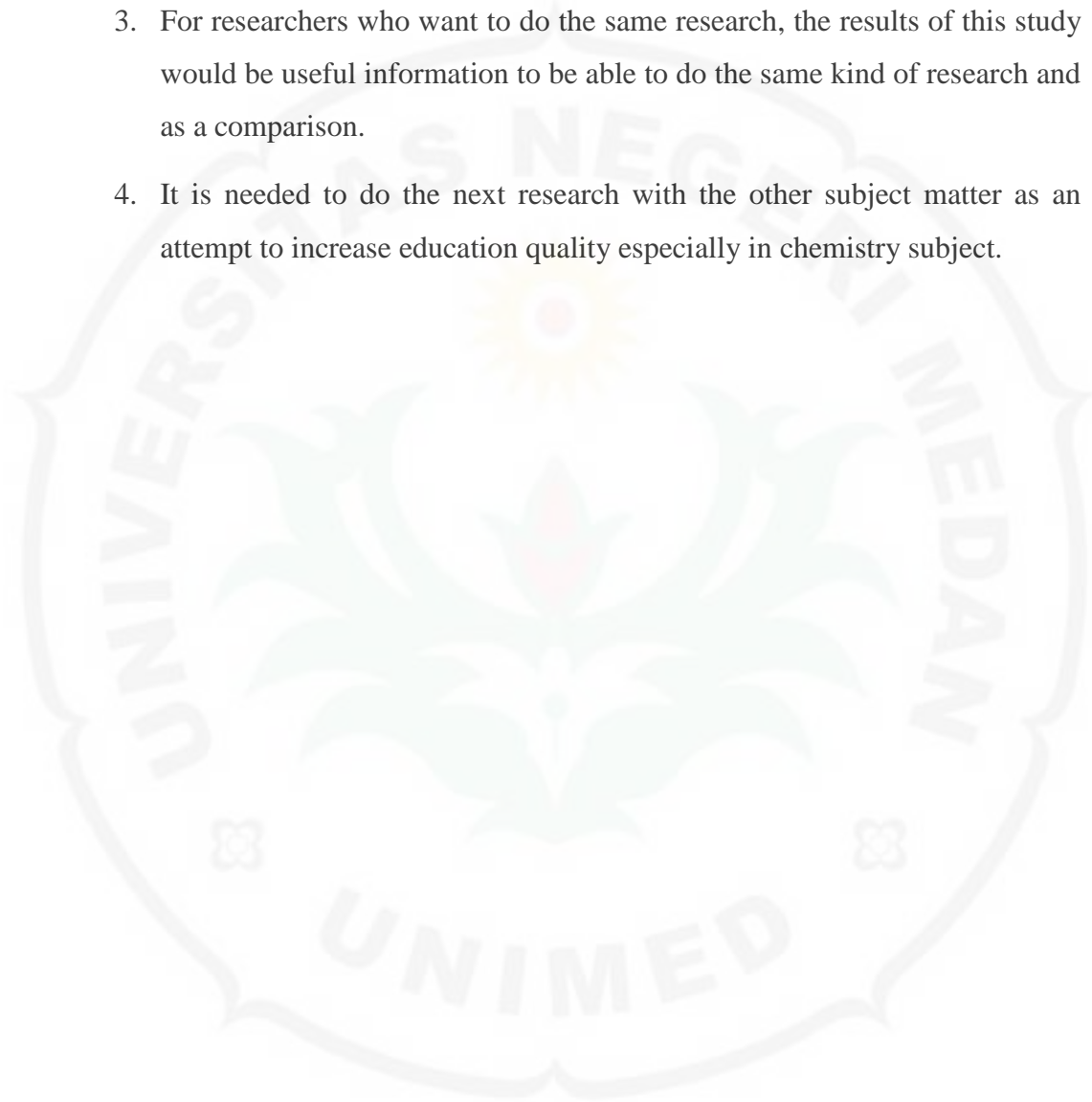
Based on the research conducted, it can be concluded as follow:

1. There are significant differences of students' achievement that taught with cooperative learning types STAD combined with virtual laboratory flash media higher than conventional method in thermochemistry topic.
2. The highest improvement of cognitive aspect growth between experimental class and control class is C2 (Comprehension) with the average of normalized gain is 0.81. Followed by C3 (Application) with the average of normalized gain value is 0.79 and C4 (Analysis) with the average of normalized gain value is 0.79.
3. Based on the calculation, average normalized gain achievement of students taught by cooperative learning types STAD combined with virtual laboratory flash media in teaching of thermochemistry topic is 79.9%. Average normalized gain achievement of students taught by conventional method in teaching of thermochemistry topic is 50.1%. Its shown there was distinguish students' achievement percentage of experimental class that taught by cooperative learning types STAD combined with virtual laboratory flash media higher than conventional method.

5.2. Suggestion

1. For teachers, taking into students' success achievement, then the teacher is expected to perform the learning activities by using Cooperative Learning types STAD using Virtual Laboratory flash media because these models and media can improve students' achievement in chemistry, especially in thermochemistry topic or in teaching topic
2. For teacher, the virtual laboratory flash media would be useful in teaching and learning process to toward students' achievement and skills. especially chemistry teacher that have not good laboratory facilities

3. For researchers who want to do the same research, the results of this study would be useful information to be able to do the same kind of research and as a comparison.
4. It is needed to do the next research with the other subject matter as an attempt to increase education quality especially in chemistry subject.



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