

## CHAPTER V

### CONCLUSION AND RECOMMENDATIONS

#### 5.1. Conclusion

Based on the research data analysis and discussion, concluded, there are differences of students learning outcome, answering Bloom taxonomy of cognitive domain (C1 to C4) questions, writing abilities, vocabulary use, and correct spelling between the Crossword Puzzle treatment and Regular Assignment on Biology subject grade VII of SMP Negeri 1 Medan on Environmental Management topic, year 2011/2012;

1. Crossword puzzle assignment has affected the student's learning outcomes compared to those who were assigned by regular assignment.
2. Crossword puzzle assignment has affected the student's ability in answering C2 (Comprehension), C3 (Application) and C4 (analysis-synthesis) questions compared to those who were assigned by regular assignment.
3. Crossword puzzle assignment has affected the student's writing abilities compared to those who were assigned by regular assignment.
4. Crossword puzzle assignment has affected the student's ability in vocabulary use compared to those who were assigned by regular assignment.
5. Crossword puzzle assignment is affected the student's spelling ability compared to those who were assigned by regular assignment.

#### 5.2. Recommendations

1. Teacher could consider the Crossword puzzle as innovation tool in each learning subject.
2. School can consider the Crossword puzzle as input new variation learning in fun way so it can improve the student learning outcome.