



**THE EFFECT OF USING CROSSWORD PUZZLE ON THE TENTH  
YEAR STUDENTS' VOCABULARY ACHIEVEMENT  
AT SMAN TEMPEH LUMAJANG**

**THESIS**

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Composed to fulfill one of the requirements to obtain S1 Degree at the English  
Education Program, Language, and Arts Education Department,  
the Faculty of Teacher Training and Education

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## **DEDICATION**

This thesis is honorably dedicated to:

1. My beloved mother Suratin and my beloved father Sa'rawi.
2. My beloved brothers Eko Wisnu Sanjaya and Veliar Kharisma Sandy

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Finally, I do hope that this thesis is useful contribution for the sake of the improvement of English teaching, especially the teaching of vocabulary. Any criticism and valuable suggestion would be appreciated.

Jember, October 11,2011

The Writer

## TABLE OF CONTENTS

	Page
<b>TITLE PAGE</b> .....	ii
<b>CONSULTANTS' APPROVAL</b> .....	iii
<b>APPROVAL OF THE EXAMINATION COMMITTEE</b> .....	iv
<b>DEDICATION</b> .....	v
<b>ACKNOWLEDGEMENT</b> .....	vi
<b>TABLE OF CONTENTS</b> .....	vii
<b>THE LIST OF APPENDICES</b> .....	x
<b>THE LIST OF TABLES</b> .....	xi
<b>SUMMARY</b> .....	xii
<b>I. INTRODUCTION</b>	
<b>1.1 Background of the Research</b> .....	1
<b>1.2 Problems of the Research</b> .....	4
<b>1.3 Objectives of the Research</b> .....	4
<b>1.4 Operational Definitions of the Key Terms</b> .....	4
1.4.1 Crossword Puzzle.....	5
1.4.2 Vocabulary Achievement.....	5
<b>1.5 Significance of the Research</b> .....	5
<b>II. REVIEW OF RELATED LITERATURE</b>	
<b>2.1 The Definitions of Vocabulary</b> .....	6
<b>2.2 Classification of Vocabulary</b> .....	7
<b>2.3 Vocabulary Achievement</b> .....	9
<b>2.4 Technique in Teaching Vocabulary</b> .....	9
<b>2.5 Games</b> .....	10

2.5.1 The Strengths and Weaknesses of Using Games.....	10
2.5.2 The Kinds of Vocabulary Games.....	12
<b>2.6 Crossword Puzzle .....</b>	<b>12</b>
2.6.1 The Definition of Crossword Puzzle.....	12
2.6.2 The Kinds of Crossword Puzzle.....	13
<b>2.7 The Procedures Using Crossword Puzzle in Vocabulary Teaching.....</b>	<b>14</b>
<b>2.8 The Strengths and Weaknesses of Crossword Puzzle in Vocabulary Teaching.....</b>	<b>15</b>
2.8.1 The Strengths of Using Crossword Puzzle in Vocabulary Teaching.....	15
2.8.2 The Weaknesses of Using Crossword Puzzle in Teaching Vocabulary.....	16
<b>2.9 The Effect of Using Crossword Puzzle on Vocabulary Achievement.....</b>	<b>16</b>
<b>2.10 The Teaching of Vocabulary at SMAN Tempeh.....</b>	<b>16</b>
<b>2.11 The Kinds of Text Taught in the Tenth Year Students of Senior High School.....</b>	<b>17</b>
<b>2.12 The Alternative Hypothesis of the Research .....</b>	<b>18</b>

### **III. RESEARCH METHODOLOGY**

<b>3.1 Research Design .....</b>	<b>19</b>
<b>3.2 Area Determination Method .....</b>	<b>21</b>
<b>3.3 Sample Determination Method.....</b>	<b>21</b>
<b>3.4 Data Collection Method.....</b>	<b>22</b>
3.4.1 The Choice of Materials and the Crossword Puzzle.....	22
3.4.2 Vocabulary Achievement Test .....	22
3.4.2 Interview .....	25
3.4.3 Documentation.....	26



<b>3.5 Data Analysis Method</b> .....	26
<b>IV. RESEARCH RESULTS AND DISCUSSION</b>	
<b>4.1 The Result of Interview</b> .....	28
<b>4.2 The Result of Documentation</b> .....	29
<b>4.3 The Result of Homogeneity Test</b> .....	29
<b>4.4 The Analysis of the Try Out</b> .....	31
4.4.1 The Analysis of the Test Validity .....	31
4.4.2 The Analysis of Reliability Coefficient .....	31
4.4.3 The Analysis of Difficulty Index .....	33
<b>4.5 The Description of the Treatment</b> .....	33
<b>4.6 The Result of Post Test</b> .....	35
4.6.1 Data Analysis of Post Test .....	35
4.6.2 Results of Hypothesis Verification.....	36
4.6.3 DRE (Degree of Relative Effectiveness).....	37
<b>4.8 Discussion</b> .....	38
<b>V. CONCLUSION AND SUGGESTION</b>	
<b>5.1 Conclusion</b> .....	41
<b>5.2 Suggestions</b> .....	41
5.2.1 The English Teacher .....	42
5.2.2 The Students .....	42
5.2.3 The Future Researchers .....	42

**REFERENCES**

**APPENDICES**

## THE LIST OF APPENDICES

	Page
A. Research Matrix .....	43
B. Interview Guideline and Documentation Guideline .....	44
C. The Result of Interview with the Eighth Grade English Teacher .....	45
D. Homogeneity Test .....	47
E. Lesson Plan Meeting 1 .....	52
F. Lesson Plan Meeting 2 .....	66
G. Post Test .....	85
H. The Respondents' Name of Experimental Class .....	90
I. The Respondents' Name of Control Class .....	91
J. The Homogeneity Test Score of Tenth Year Students of SMA Negeri Tempeh Lumajang .....	92
K. The Analysis of Variance Computation .....	93
L. Try Out Results of Odd Numbers (X) .....	95
M. Try Out Results of Even Numbers (Y) .....	96
N. The Division of Odd and Even Numbers .....	97
O. The Difficulty Index of Each Test Item and its Interpretation .....	98
P. The Tabulation of Post Test .....	100
Q. Permission Letter for Conducting Research from the Faculty of Teacher Training and Education of Jember University .....	101
R. Statement Letter for Accomplishing the Research from SMA Negeri Tempeh Lumajang .....	102
S. The Samples of the Students' Answer Sheets of the Post Test .....	103

## THE LIST OF TABLES

	Page
4.1 The Schedule of Administering the Research.....	28
4.2 The Total Number of the tenth Year Students of SMA N Tempeh Lumajang in the 2011/2012 Academic Year .....	29
4.3 The Total Number of Tenth year students of SMAN Tempeh Lumajang in the 2010/2011 Academic Year who followed the homogeneity test.....	30
4.4 The Schedule of Administering the Treatment .....	34

## SUMMARY

**The Effect of Using Crossword Puzzle on the Tenth Year Students' Vocabulary Achievement at SMAN Tempeh Lumajang;** Tino Ary Sandy, 060210491084; 2011:42 pages; English Education Program, Language and Arts Department, Faculty of Teacher Training and Education, Jember University

This research was quasi experimental research. The purpose of this research was to measure whether or not there was a significant effect of using Crossword Puzzle on the Tenth Year Students' Vocabulary Achievement at SMAN Tempeh Lumajang. The area of this research was SMA Negeri Tempeh Lumajang. It was chosen purposively because the use of Crossword Puzzle had never been applied in teaching learning process of English in this school. Permission was granted by the Principal of SMAN Tempeh to conduct the research at this school and the English teacher agreed to conduct the present research.

The population of this research were the tenth year students of SMA Negeri Tempeh Lumajang in the 2011/ 2012 academic year. Homogeneity test was done to know the homogeneity of the population to determine the research sample. The result of the homogeneity test was analyzed statically using ANOVA formula and the result showed that F-computation (3.82) was higher than that of F-table (2.21). It means that the condition of the whole tenth year students of SMA Negeri Tempeh Lumajang was heterogeneous or there was significant difference mean of the six classes. Two classes from the population that have the closest mean differences were chosen. The lottery was done to determine the experimental group (class X 3) and the control group (X 6). The total number of the sample was 75 students that consisted of 37 students of X 3 as the experimental group that was taught by using Crossword Puzzle, while the

control group consisted of 38 students of X6 that was taught by using Lecturing and Question-Answer technique.

The primary data of this research were collected from the students' scores of vocabulary achievement test. The supporting data were gained from interview and documentation. The students' vocabulary achievement was collected from the post test to make comparison between the two groups after the treatment done, and the result was analyzed by using t-test formula. The result of analysis indicated that the value of t-computation was 2.176 while the t-table was 2.00 with degree of freedom 71 on the 5% significant level. It means that the value of t-computation was higher than the value of t-table. This means that the null hypothesis ( $H_0$ ): "there is no significant effect of using Crossword Puzzle on the tenth year students' vocabulary achievement at SMA Negeri Tempeh Lumajang" was rejected. On the other hand, the alternative hypothesis ( $H_a$ ): "there is a significant effect of using Crossword Puzzle on the tenth year students' vocabulary achievement at SMA Negeri Tempeh Lumajang" was accepted.

In addition, it was found that the degree of relative effectiveness was 4,8 %. This means that the use of Crossword Puzzle in teaching vocabulary was 4.8 % more effective to increase the students' vocabulary achievement than using lecturing and Question-Answer technique for the tenth year students of SMA Negeri Tempeh Lumajang in the 2011/2012 academic year. In conclusion, teaching vocabulary using Crossword Puzzle was more effective than using Lecturing and Question –Answer techniques.

Based on the result of this research, the English teacher is advised to apply Crossword Puzzle, especially in teaching English vocabulary. Further, the students are suggested to practice using vocabulary with Crossword Puzzle in order to increase their English vocabulary. Moreover, the future researchers are also suggested to conduct a research more in depth with a similar problem but with applying different research design or research subjects, or other types of games.