

The Effectiveness of Mind Mapping Techniques
In Improving Students' Narrative Text Writing Ability
(An Experimental Study in the Second Grade Students of SMA Lab School UPI Bandung)

A RESEARCH PAPER

Submitted to the English Education Department as Partial fulfillment of the requirements
for *Sarjana Pendidikan* Degree



By
Litani Wahyu Kusumaningsih
035163

DEPARTMENT OF ENGLISH EDUCATION
FACULTY OF LANGUAGE AND ART EDUCATION
INDONESIA UNIVERSITY OF EDUCATION
2008

STATEMENT

I hereby that this paper, entitled “The Effectiveness of Mind Mapping Techniques in Improving Students’ Narrative Text Writing Ability” , is completely only my own work. It contains no materials which has been submitted for any other degree or diploma at any university except what due references or acknowledgements are in the text

Bandung, Desember 2008

Litani Wahyu Kusumaningsih

PREFACE

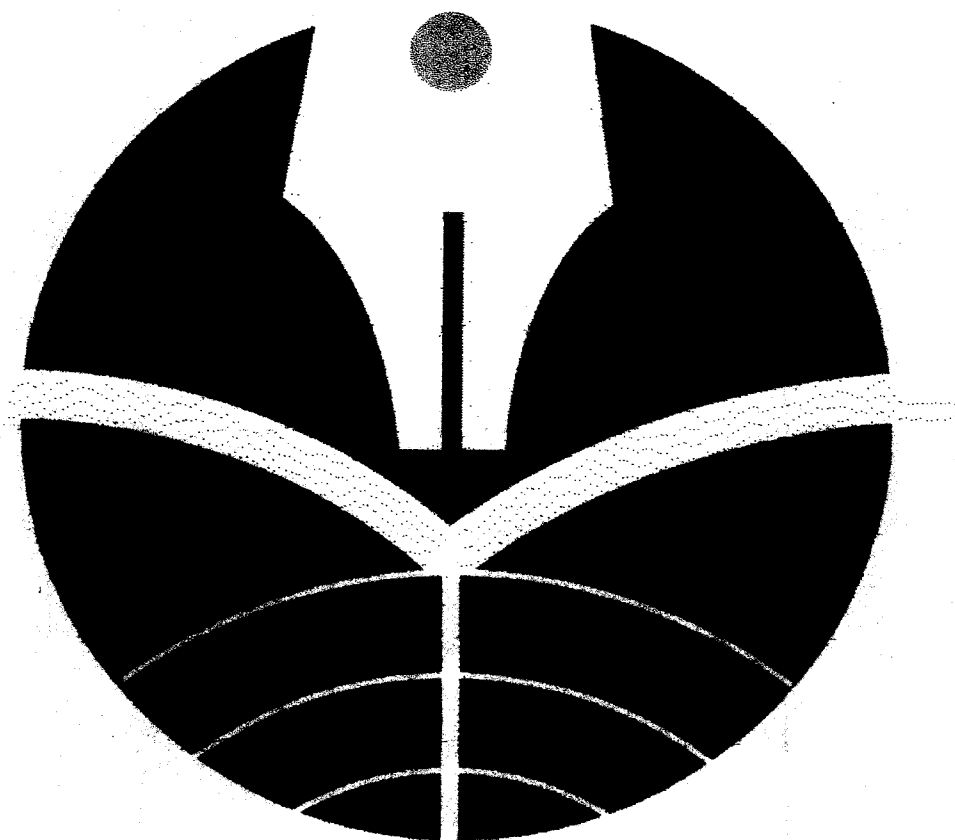
All praises might be to Allah SWT, The Most Gracious and The Most Merciful and peace be upon His last Prophet and his purified progeny and yhe righteous among his companions.

This paper entitled ‘The Effectiveness of Mind Mapping Techniques in Improving Students’ Narrative Text Writing Ability’ submitted as a partial fulfillment of the requirement for *Sarjana Pendidikan* degree. This study tried to find out clear description whether the Mind Mapping techniques in improving students’ writing narrative text is effective or not.

Any constructive comments or criticism will be accepted for better further study since the researcher realizes that this paper is still far beyond perfect. Hopefully, this study is expected to give a contribution for English teaching-learning.

Bandung, December 2008

Litani Wahyu Kusumaningsih

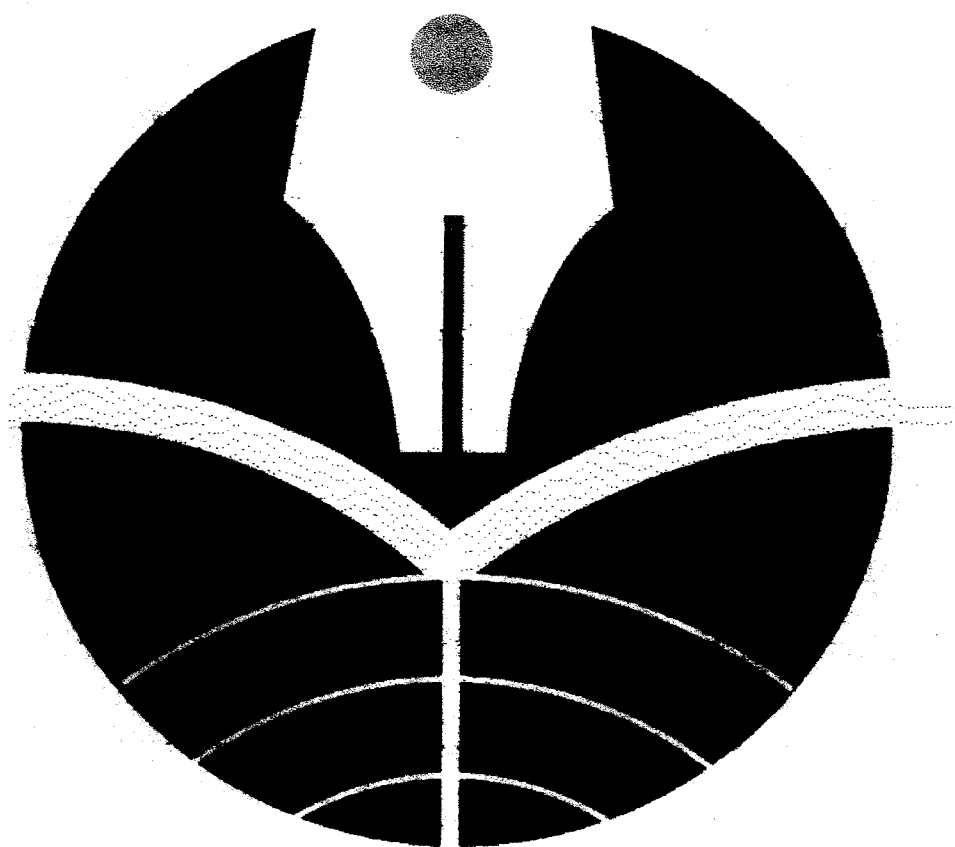


ACKNOWLEDGEMENTS

Alhamdulillahirabbil'alamin.

I would like to extend my deepest gratitude to Allah SWT, The Most Gracious and The Most Merciful who has given me the strength and patience during the completion of this paper. I would like to give my biggest gratitude to Dr. Didi Suherdi, M.Ed and Yanti Wirza, S.Pd., M.Pd., who have given correction, suggestions, advice, comments, and all the valuable guidance during the completion of this research. I am also send my greatest gratitude to the Head of the English Education Department, Dr. Wachyu Sundayana, M.A. and all the lecturers, thank you for the greatest contribution. And I am also indebted to Pak Farhan, Pak Engkus and Pak Irfan, thank you for the wonderful help in the administration matters.

A huge gratefulness shall be addressed for my family, especially my beloved grandmother (Tutuk Stuning) and my parents (E.Koesnadi and Sri puastutik). Thank you for your never ending pray and your great support. My gratitude also goes to Rahmat Gumilar and his family. Thank you for all the love, supports and encouragements during the good and the bad times of my life. I would like also to send my deep gratitude to the students of education A 2003, especially for my best friends, Andrian, Lina, Dhyah, Githa, Fauzi, Katrin, Dinan, Wanda, Nur Karunia, Dini, Maya, and Indah for the superb help during the process of this study, thank you for being wonderful companions for the last five years. I also send my gratitude to my admirable friends, Dewi Handayani, Rajib Solihin and Inke Putri, thank you very much for all the love, pray, and encouragement during the hardest time of my life, I can't make it without you guys. Last but not least, my gratitude is also presented to all people who involved in accomplishing this paper whose names can not be mentioned one by one here. Thank you very much.



ABSTRACT

The focus of this research was to investigate the effectiveness of Mind Mapping techniques in improving students' narrative text writing ability of 60 students second grader students in SMU Lab School UPI Bandung. It was also to find out the advantages and the disadvantages of using this techniques.

A quasi experimental design was used to conduct the research. The samples of this study were XI IPS I as the experimental group, and XI IPS II as the control group. The experimental group was given the treatment, while the control group was not given any treatment.

Data collection was taken from pre-test and post-test, and questionnaire. The independent t-test formula were used to analyze the data from the tests. Meanwhile, the data from questionnaire was analyzed to examine the advantages and the disadvantages of Mind Mapping techniques.

The research findings showed that Mind Mapping techniques was effective in improving students' narrative writing ability, especially in pre-writing stages which involving the generating ideas process. Additionally, the data result from questionnaire showed that Mind Mapping techniques had several advantages. First, Mind Mapping techniques eased students to understand the structure and features of narrative text. Second, Mind Mapping techniques helped students made a creative and systematical narrative story. However, the difficulties of the proper vocabulary became one of the disadvantages of Mind Mapping techniques. Moreover ,this techniques also needed a long time consumed in the implementation.

This study is expected to give a good contribution for teachers and students in teaching and learning narrative writing.

CHAPTER II THEORETICAL FOUNDATION

2.1 Writing	9
2.1.1 Nature of Writing	9
2.1.2 Aspects of Writing	11
2.2 Teaching Writing	12
2.2.1 The Purpose of Teaching Writing	12
2.2.2 Procedure of Teaching Writing	13
2.2.3 Genre Approach in Teaching Writing	14
2.3 Narrative	16
2.3.1 Definition of Narrative	16
2.3.2 Kinds of Narrative	17
2.3.3 The generic Structure of Narrative.....	18
2.3.4 The Language Features of Narrative	18
2.3.5 Teaching Narrative Writing	19
2.4 Mind Mapping techniques	20
2.5 Related Study	24

CHAPTER III METHODOLOGY

3.1 Research Problem	28
3.2 Research Methods	28
3.2.1 The variables	29
3.3 Research Subject	29
3.3.1 Population.....	29
3.3.2 Sample.....	30
3.4 Research Procedure	30
3.5 Research Instruments	31
3.5.1 Writing Test	32
3.5.2 Questionnaire	32

3.6 Data Collection	32
3.6.1 Testing validity and Reliability of The test	32
3.6.1.1 Validity.....	33
3.6.1.2 Reliability.....	34
3.6.2 Conducting The Pre-test.....	35
3.6.3 Giving The Treatment	35
3.6.4 Conducting The Post-test	35
3.6.5 Administering questionnaire	36
3.6.6 Counting The Data using t-test	36
3.7 Data analysis	36
3.7.1 Data analysis of Pre-test and Post-test	36
3.7.2 Normality Distribution test.....	37
3.7.3 Variance homogeneity test.....	37
3.7.4 The calculation of t-test.....	38
3.7.5 Questionnaire analysis.....	39

CHAPTER IV FINDINGS AND DISCUSSIONS

4.1 Findings.....	40
4.1.1 Data Presentation in Statistical process	41
4.1.1.1 The Calculation of Pre-test Score.....	41
4.1.1.1.1 Test of Normality Distribution.....	41
4.1.1.1.2 The Homogeneity of The Variance Test	44
4.1.1.1.3 t-test.....	45
4.1.1.2 The Calculation of Post-test Score	47
4.1.1.2.1 Test of Normality Distribution.....	47
4.1.1.2.2 The Homogeneity of The Variance Test	49
4.1.1.2.3 t-test.....	50
4.1.1.3 t-test for Experimental Group and Control Group	52
4.1.1.3.1 The Experimental Group Scores	53

4.1.1.3.1.1 Stating the Hypothesis	53
4.1.1.3.1.2 Calculating the t-test	53
4.1.1.3.2 The Control Group Scores	55
4.1.1.3.2.1 Stating the Hypothesis	55
4.1.1.3.2.2 Calculating the t-test	56
4.1.1.4 The Questionnaire Analysis	58
4.2 Discussions	61

CHAPTER V CONCLUSIONS AND DISCUSSIONS

5.1 Conclusions	66
5.2 Suggestions	67

BIBLIOGRAPHY	68
---------------------------	----

APPENDICES	71
-------------------------	----

LIST OF TABLES

Table 2.1 The Procedures of Narrative Teaching Using Genre-Based Approach.....	26
Table 3.1 General Schedule of the Study	31
Table 4.1 The Result of Normality Test of pre-test in Experimental Group	42
Table 4.2 The Result of Normality Test of pre-test in Control Group.....	43
Table 4.3 Homogeneity of Pre-test Score in Experimental and Control Group	44
Table 4.4 The Mean of Pre-test Score in Experimental and Control Group.....	46
Table 4.5 Independent t-test of Pre-test Score in Experimental and Control group	46
Table 4.6 The Result of Normality of post-test in Experimental Group.....	48
Table 4.7 The Result of Normality of post-test in Control Group	48
Table 4.8 Homogeneity of Post-test Score In Experimental and Control Group.....	50
Table 4.9 The Mean of Post-test Score in Experimental and Control group.....	51
Table 4.10 Independent t-test of Posttest Score in Experimental group and Control group.....	51
Table 4.11 Paired Samples Statistics of Experimental Group.....	53
Table 4.12 Paired Samples Correlation of Experimental Group.....	54
Table 4.13 Paired Samples Test of Experimental Group	54
Table 4.14 Paired Samples Statistics of Control Group.....	56
Table 4.15 Paired Samples Correlation of Control Group	56
Table 4.16 Paired Samples Test of Control Group	57
Table 4.17 Result of Questionnaire.....	59

LIST OF FIGURE

Figure 2.1 Hand drawn Mind Maps.....	22
Figure 2.2 hand Drawn Mind Maps.....	22

BIBLIOGRAPHY

- Aisyah, Iis Siti (2008). *The Effectiveness of Using Storytelling in improving Students' Narrative Writing*. FPBS UPI Sarjana Degree: Unpublished paper
- Al-Ghifari, Abu.(2002).*Kiat menjadi penulis Sukses*. Bandung : Mujahid
- Alwasilah, A. Chaedar. (2001). *Language, Culture and Eucation: A portrait of Contemporary Indonesia*. Bandung: Andira.
- Andi,Wahana Komputer. (2007). *Panduan Praktis Pengolahan Data Statistik dengan SPSS 15*. Semarang: Wahana Komputer dan Andi.
- Andriana, Klara. (2007). *Implementing Multiple Intelligences in Teaching Narrative Writing*. FPBS UPI Sarjana Degree: Unpublished paper.
- Archibald, Alasdair. (2002). *Writing in Second Language* (online). Available at <http://www.llas.ac.uk/resources/goodpractice.aspx?resourceid=2175>. (March, 15, 2008).
- Arikunto, Suharsimi. (2002). *Prosedur Penelitian suatu Pendekatan Praktek*. Jakarta : Rineka Cipta.
- Brown, H.D. (2001). *Teaching By Priciples: An Interactive Approach to Language Pedagogy*. USA: Addison Wesley Longman, Inc.
- Buzan, Tony. (2004). *How to Mind Map, Mind Map Untuk Meningkatkan Kreativitas*. Jakarta : Gramedia Pustaka Utama.
- Byrne, Don. (1979). *Teaching Writing Skill*. Longman Handbook for Language Teachers. Singapore: Longman Group Ltd. England
- Byrne, Don. (1980). *English Teaching Perspectives*. England: Longman Group Ltd.

- Canning-Wilson. (2001). *Visuals & Language Learning: Is There A Connection?* (online). Available at <http://www.eltnewsletter.com/back/Feb2001/art482001.Htm> The weekly column. (March, 01, 2008)
- Cortazzi, Martin. (1994). *Narrative Analysis*. Language Teaching Journal, July 1994 Vol.27. Cambridge University Press.
- Emilia, Emi. (2008). *The Genre Based Approach: A Systemic Functional Linguistic Perspectives*. English Department.
- Farhady, Hossein & Evelyn Hatch. (1982). *Research Design and Statistics for Applied Linguistics*. Massachusetts: Newbury House Publishers, Inc. Rowley.
- Gerot and Wignell. (1994). *Making Sense of Functional Grammar*. Antipodean Educational Enterprises.
- Ghaith, Ghazi. (2002). *The Problem of Teaching Writing*. American University of Beirut (online). Available at <http://nadabs.tripod.com/writing/>.
- Harris, David. (1969). *Teaching English as A Second Language*. New York: McGraw Hill Book Company. George Town University New York.
- Hernowo. (2004). *Quantum Writing* : MLC.
- Kim, Miyoun (Sophia). (2006). *Genre-Based Approach to Teaching Writing* (online). Available at http://web1.hpu.edu/images/GraduateStudies/TESL_WPS/07Kim_Genre_a17238.pdf. (February, 20, 2008)
- Kramp, Mary Key & W. Lee Humphreys. (1993). *Narrative and Reflective Learner Volume 41/ Number 3*. Haldref Publication
- Kranzler and Moursound. 1999. *Statistics For the Terrified*. New Jersey, United States: Prentice Hall.
- Maulida, Dini (2008). *The Effectiveness of Using Series of Pictures in Teaching Narrative Writing*. FPBS UPI Sarjana Degree : Unpublished paper

Mizwiria, (2007). *Penerapan metode Peta Pikiran (Carte Heuristique) dalam menulis karangan Narasi Mahasiswa Pendidikan Bahasa Perancis FPBS UPI*. FPBS UPI Sarjana Degree : Unpublished paper

Narbuko, Cholid dan abu Achmadi. (2002). *Metodologi penelitian*. Jakarta : Bumi Aksara.

PerspectivesXXI.(2007). *Mind Map*. [online]. Available : <http://www.creativite.net/mind-mapping-mind-maptony-buzan-12/>

Rosia, Awit Mariani, (2005). *Penerapan Metode Peta Pikiran (Mind Mapping) Dalam Pembelajaran Menulis Dalam Upaya Meningkatkan Keterampilan Menulis*. FPBS UPI Sarjana Degree : Unpublished paper

Sari, Iis Mustika. (2007). *The Effectiveness of Using Authentic Materials in Teaching Procedural Text to Improve Students Speaking Ability*. FPBS Sarjana Degree UPI: Unpublished paper

Setiono. (2001). *Teaching writing to College Students in Indonesia: Problems and Challenges*. Unika Atmajaya.

Tarigan, Djago dan Tarigan, H G. (1986). *Teknik Pengajaran Keterampilan Berbahasa*. Bandung: CV Angkasa

Tickoo, Makhan. (1995). *Reading and Writing: Theory into Practice*. Singapore: Sherson Publishing House.

Wycoff, Joyce. (2004). *Menjadi Super Kreatif Melalui Metode Pemetaan-Pikiran*. Bandung: Mizan

Xu, Linli. (2005). *A Genre-based Approach to the Writing of the Introduction Section of an ESL/EFL Academic Paper*. Sino-US English Teaching Nov. 2005, Volume 2, No 11 (Serial No.23). USA (online). Available at <http://www.linguist.org.cn/doc/su200511/su20051106.pdf>. (February, 12, 2008).