

**THE USE OF MIND MAPPING IN IMPROVING STUDENTS' READING
COMPREHENSION ABILITY**

**(A Quasi-Experimental Research at One Vocational High School in
Bandung)**

A RESEARCH PAPER

Submitted to the English Education Department of Faculty of Language and Arts
Education of Indonesia University of Education in Partial Fulfillment of the
Requirements for the *Sarjana Pendidikan* Degree



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2014

PAGE OF APPROVAL

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A Research Paper

By

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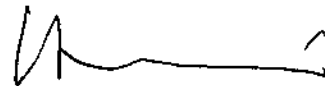
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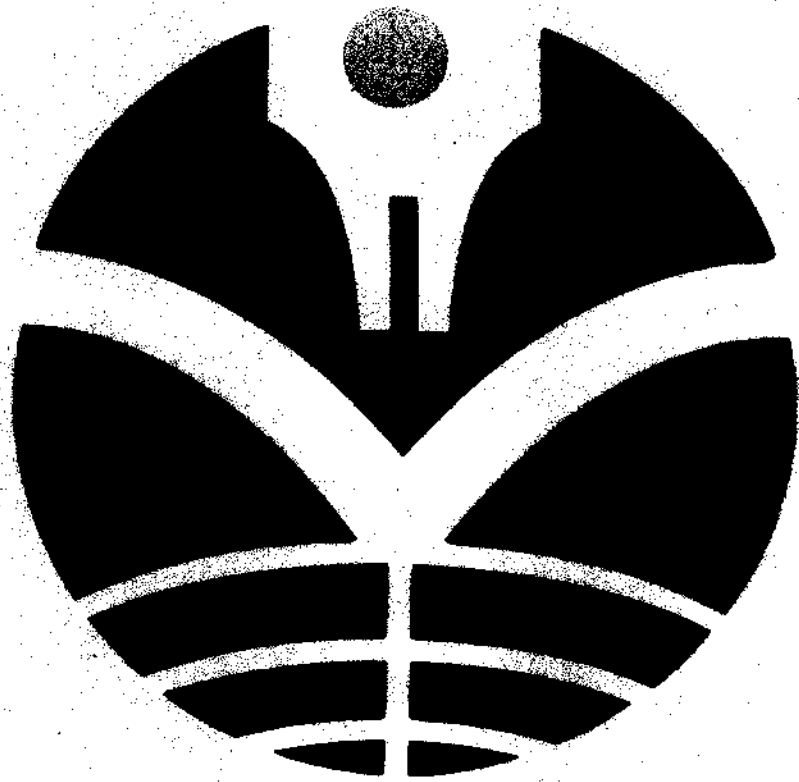
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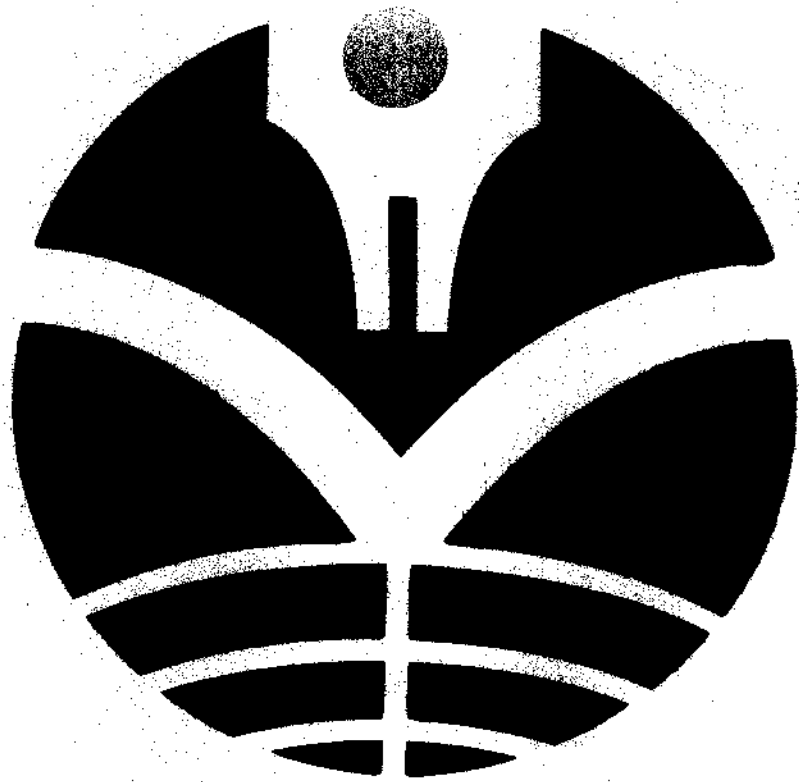


STATEMENT OF AUTHORIZATION

I hereby state that this study entitled "**The Use of Mind Mapping in Improving Students' Reading Comprehension Ability**" is my own work. I truly said that I quoted some statements and ideas from many sources. All of the quotations are properly acknowledged.

Bandung, February 2014

Trinne Anggita Ayu Putri



PREFACE

Alhamdulillahirrabil'alamiin. All praises be to Allah SWT, the Most Merciful and Greatest of all who granted His blessing and peace upon us. May Allah SWT bless his Messenger, Muhammad, the last of Prophet and Messenger, his families, his companions, and those who followed him until the day of resurrection.

By the Grace of Allah SWT, I finally could finish the research entitled *The Use of Mind Mapping in Improving Students' Reading Comprehension Ability*. The research tries to ascertain the benefits of the implementation of the technique to develop students' reading skills. This paper is submitted as a partial of the requirements for *Sarjana Pendidikan* Degree of English Department of Faculty of Language and Arts Education, Indonesia University of Education.

The writer honestly admits that the paper is still far from being perfect. Therefore, any constructive comments and critics will be welcomed. Hopefully, this paper will be useful for English teaching and inspire those who will undertake further research in a related field.

Bandung, February 2014

Trinne Anggita Ayu Putri



ACKNOWLEDGEMENTS

I wish to acknowledge the willing cooperation and assistance of a number of people without whom the completion of the research would not have materialized.

I would like to express my deepest appreciation and thanks to my supervisors, Dr. H. Hobir Abdullah, M.Pd., and Drs. Deddy Suryana, M.A. for the continuous support of my research, for patience, motivation, enthusiasm, and immense knowledge. Their guidance helped me in all the time of research and writing of this research paper. They have been a tremendous supervisor for me.

I also thank many lecturers of English Departments of Faculty of Language and Arts Education, Indonesia University of Education, for their share and support as well as feedback to my research.

I owe my deepest gratitude to principal and teachers of the Vocational High School involved, for allowing me to undertake this project. To the classroom teacher, Ghanny Tindra Perdana, S.S., a sincere thanks for allowing me to intervene in your classroom program, for your excitement and willingness in accepting new ideas. My thanks also go to the students who welcomed me into their environment and so willingly and cooperatively became involved in the research.

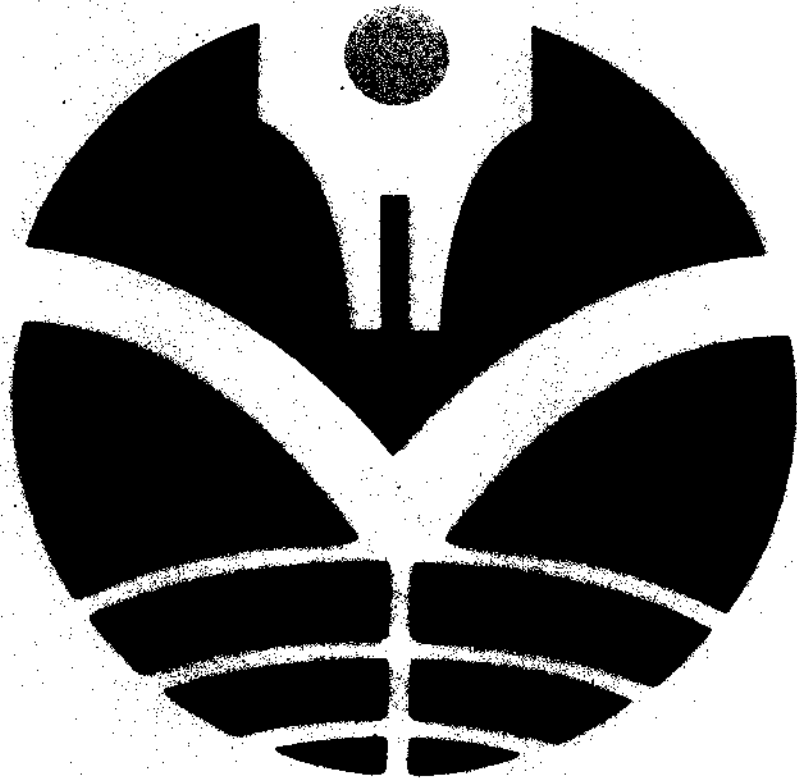
My heartfelt thanks go to my dearly beloved parents, Triswara and Anna Yulizar S.Pd, and my only little brother, Trizar Ferizka Bisma Putra, for their presence which became the most powerful encouragement in the writer's life. This research would not come into existence without their presence, sincere love and unlimited prayers.

My special thanks and appreciation also go to my colleagues, English Education A 2009, for their share, support, spirit and helpful suggestion. Also, for laughter and togetherness over the last four years we spent together.

In addition, I would like to express my biggest gratitude to my beloved best friends Retna Oktaviani Zahra, Anken Nur Kania, Febby Febriani Annisa, Indah Hermyati and Desi Apriliana for all the good times and bad times we shared

together, for their inspiration, motivation, and laughs, also for this unconditional friendship that we keep until now. Thank you, girls for making my college life colourful and meaningful day by day.

Last but not least, special thanks also go to my inspirational best friends and sisters ever, Intan Mariani Sularko, S.Psi., Ilawati Suwandi S.Ked., and Evi Astuti who always motivated me for accomplish my study as soon as possible. Thank you for your presence, supports and prayers.



The Use of Mind Mapping in Improving Students' Reading Comprehension Ability

(A Quasi-Experimental Research at One Vocational High School in Bandung)

ABSTRACT

This research investigated the effectiveness of Mind Mapping technique in improving students' scores in reading comprehension and students' responses toward the implementation of the Mind Mapping technique. This research employed a quasi-experimental design. This research involved two classes of tenth grade students at one vocational high school in Bandung in which one class as the experimental group and the other one as the control group. The experimental group received Mind mapping technique in teaching and learning process during treatment, while the control group received Three-Phases Technique in teaching and learning process. The instruments used were pre-test, post-test, and questionnaire of attitudes towards the Mind Mapping technique. The pre-test and post-test scores of the two groups were analyzed by using the independent t-test while the questionnaire was analyzed by using percentages. The findings revealed that the use of Mind Mapping technique was effective in improving students' scores in reading comprehension. The result of the independent t-test showed students' score of both experimental and control groups had improved but the improvement of the experimental group which had received the Mind Mapping technique is better. It was indicated by the statistical computation in which the means of experimental and control groups' scores before receiving the treatments were ($M=74.86$) and ($M=75.71$) while the means of experimental and control groups' scores after receiving the treatments were ($M=81.86$) and ($M=78.43$). Moreover, the result of the independent t-test computation of post-test scores showed the t_{obt} (2.162) is higher than t_{crit} (1.996) at the level of significance 0.05. It meant that the null hypothesis was rejected as there was a significant difference between students' post-test scores in the experimental and control groups. Regarding the students' attitudes toward the use of Mind Mapping, the findings indicated that most of students regarded the use of Mind Mapping technique to be moderately positive. Nearly all of students (97.1%) agreed that Mind Mapping was able to improve their reading skill and 94.3% of students opined that Mind Mapping helped them to understand text easily. In class observation during the treatment, the researcher found that mind mapping also improved students' learning and memory and stimulate their creative thinking.

Keywords: *Mind mapping technique, reading comprehension*

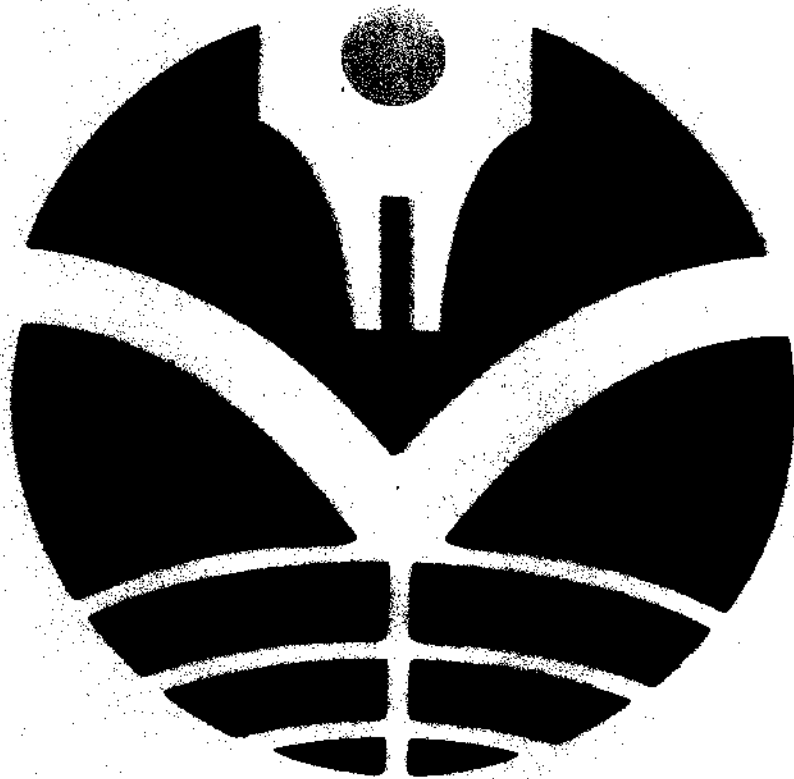


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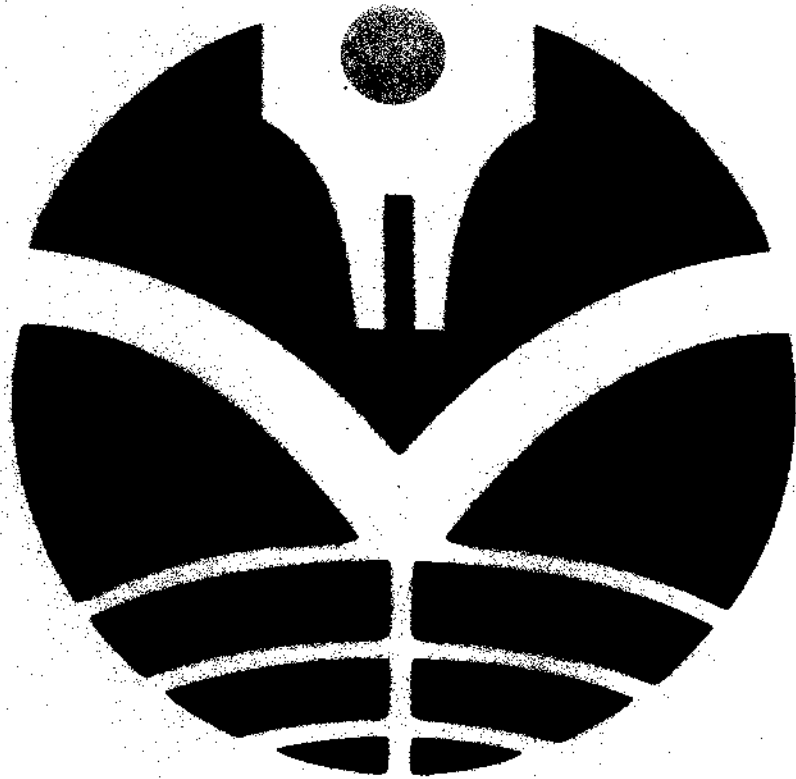
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Pilot Test Score

Pretest and Posttest Score

Pretest and Posttest of Experimental Group

Pretest and Posttest of Control Group

Appendix 3

Pilot Test Item

Pretest and Posttest Item

Questionnaire

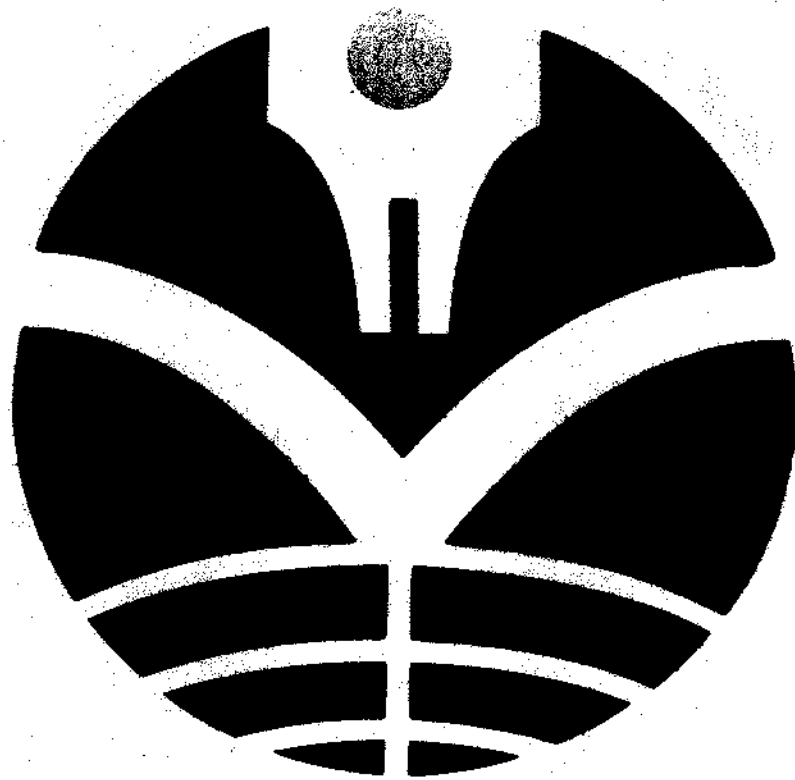
Barrett's Taxonomy Reading Comprehension Analysis

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Research Documentation

Appendix 5

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