# THE EFFECT OF MIND MAPPING AND PRE-QUESTIONING ON THE STUDENTS' READING COMPREHENSION

#### **A THESIS**



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SURABAYA
2015

# The Effect of Mind Mapping and Prequestioning on the Students' Reading Comprehension

#### **A Thesis**

Presented to Widya Mandala Catholic University Surabaya in partial fulfillment of the requirement for the Degree of Magister in Teaching English as a Foreign Language



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# Thesis Advisor's Approval Sheet

This thesis entitled "The Effect of Mind Mapping and Pre-questioning on the Students' Reading Comprehension" prepared and submitted by Maslakhatin 8212712033 has been approved to be examined by the Thesis Board of Examiners.

A NI SEE ME -

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# Thesis Examination Board's Approval

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Member



# Statement of Authenticity

I declare that this thesis is my own writing, and it is true and correct that I did not take any scholarly ideas or work from others dishonestly. That all the cited works were quoted in accordance with the ethical code of academic writing.

Surabaya, 8th April 2015

8212712033

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#### **ABSTRACT**

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This study was conducted for two purposes: (1) to investigate the effects of mind mapping (MP) and prequestioning (PQ) on the students' reading comprehension, (2) to investigate the effects of mind mapping and pre-questioning on the students' reading comprehension levels: literal comprehension, inferential comprehension, evaluation, and appreciation. This study was a quasi-experimental design. The subject of this study was 52 senior high school students grade one at a senior high school in Surabaya. They were given different techniques: mind mapping was for the experimental group and pre-questioning was for the control group. The research instrument was 25 reading comprehension questions incorporating the four reading comprehension levels based on Barrett Taxonomy. It was in the form of multiple choice questions with four options for each question. The data of this study were analyzed using Independent Sample t-test and Manova test. The Independent Sample t-test revealed that there was no significant difference between the students who received mind mapping and those who received prequestioning in their overall reading comprehension. Three factors might influence this finding. First, the students in the control group had better reading comprehension ability than those who were in the experimental group before the treatment was implemented. Second, the students in the experimental group were probably less familiar with the story of "The Legend of Tangkuban Perahu." Third, the students in control

group had better vocabulary mastery than those who were in the experimental group. Meanwhile, the Manova test revealed that there was no a significant difference between the students who received mind mapping and those who received prequestioning in their literal comprehension, Evaluation, and Appreciation level. However, there was a significant difference between the students who received mind mapping and those who received pre-questioning in their inferential comprehension.

Key words: Reading comprehension, mind mapping, prequestioning, literal comprehension, inferential comprehension, evaluation, and appreciation.