

**THE EFFECT OF USING MEMORY MATRIX ON  
STUDENTS' READING COMPREHENSION  
AT SENIOR HIGH SCHOOL 3  
KUALA MERBAU**



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PEKANBARU  
1435 H/2014 M**

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Thesis

Submitted in Partial Fulfillment of the Requirements  
for the Degree of Bachelor of Education  
(S.Pd.)



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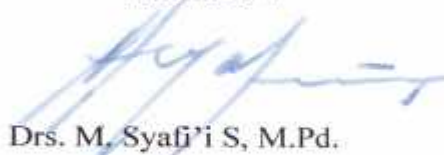
## EXAMINER APPROVAL

The thesis entitled *The Effect of Using Memory Matrix on Students' Reading Comprehension at Senior High School 3 Kuala Merbau* is written by Sarimah SIN. 10814001486. It has been approved and examined by the examination committee of undergraduate degree at Faculty of Education and Teacher Training of State Islamic University of Sultan Syarif Kasim Riau on Sya'ban 13, 1435 H/June 11, 2014 M, as one of the requirements for Undergraduate Degree in English Education.

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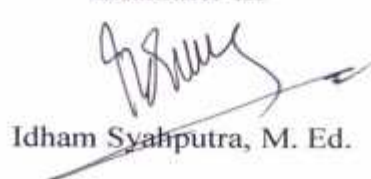
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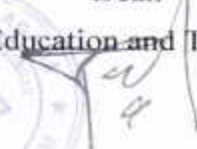
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## ABSTRACT

Sarimah, (2013) :The Effect of Using Memory Matrix on Students' Reading Comprehension at Senior High School 3 Kuala Merbau

This research was conducted because of some problems faced by students in learning English especially in reading comprehension of narrative text. The problems are; some of the students were not able to identify the main idea from the reading text, some of the students were not able to find the key word in the text and some of the students got difficulties to answer the comprehension questions based on the reading text. This research aimed at finding out whether or not there was significant effect of using memory matrix on students' reading comprehension of the first year at senior high school 3 kuala merbau and those who were taught by using conventional strategy.

The design used in this research was nonequivalent control group design in Quasi-Experimental research. In collecting data, the writer used test, it was used in order to collect the data of students' reading comprehension in narrative text at the first year. The tests consisted of two tests: Pretest was used to determine students' reading comprehension before getting the treatment and Post-test was used to determine students' reading comprehension after getting the treatment. To analyze the data, the researcher applied Independent sample T-test formula by using SPSS 16 version.

After analyzing the data, the researcher found that there was significant difference of Using Memory Matrix on Students' Reading Comprehension of The First Year at Senior High School 3 Kuala Merbau, where  $t_{\text{observed}}$  shows 7.930 at significant level of 5%,  $t_{\text{table}}$  shows 2.00, and at significant level of 1%,  $t_{\text{table}}$  shows 2.65. Thus, Null Hypothesis ( $H_0$ ) is Rejected, and Alternative Hypothesis ( $H_a$ ) is Accepted, which shows  $2.00 < 7.930 > 2.65$ .

It can be concluded that students' reading comprehension taught by using memory matrix technique was better than students' reading comprehension taught without using memory matrix technique.

## ABSTRAK

Sarimah, (2013):Pengaruh Penggunaan Memory Matrix terhadap Pemahaman Bacaan Siswa di Sekolah Menengah Atas 3 Kuala Merbau

Penelitian ini dilakukan karena beberapa kendala yang dihadapi oleh siswa dalam belajar bahasa Inggris terutama dalam pemahaman membaca teks naratif. Masalah adalah; beberapa siswa tidak mengerti tentang main idea dari teks bacaan, beberapa siswa tidak dapat menemukan kunci kata dalam teks, dan siswa juga tidak dapat menjawab pertanyaan berdasarkan teks bacaan.

Penelitian ini dilakukan dengan tujuan untuk mengetahui ada tidaknya pengaruh yang signifikan penggunaan memory matrix terhadap pemahaman bacaan siswa di sekolah menengah atas 3 Kuala Merbau dan mereka yang diajar dengan menggunakan strategi konvensional.

Desain yang digunakan dalam penelitian ini adalah nonequivalent control group design di Quasi-Experimental penelitian. Dalam pengumpulan data, penulis menggunakan tes, itu digunakan untuk mengumpulkan data dari siswa memahami bacaan teks naratif pada siswa kelas pertama. Tes terdiri dari dua tes: Pretest digunakan untuk menentukan pemahaman siswa membaca sebelum mendapatkan pengobatan dan Posttest digunakan untuk menentukan pemahaman siswa membaca setelah mendapatkan perawatan. Untuk data analisisnya, peneliti menggunakan Independent Sample T-test melalui SPSS 16.

Setelah data dianalisis, peneliti menemukan pengaruh yang signifikan dari memory matrix terhadap pemahaman bacaan siswa tahun pertama di sekolah menengah atas 3 Kuala Merbau, dimana  $t_{observed}$  menunjukkan 7.930 pada level signifikan 5%,  $t_{table}$  adalah 2.00, dan pada level 1%,  $t_{table}$  adalah 2.65. Maka, Null Hypothesis ( $H_0$ ) ditolak, dan Alternative Hypothesis ( $H_a$ ) diterima, ditunjukkan dengan  $2.00 < 7.930 > 2.65$ .

Kesimpulan, pemahaman bacaan siswa yang diajar dengan menggunakan memory matrix teknik lebih baik dari pemahaman bacaan siswa yang diajar tanpa menggunakan memory matrix technique.

ساريماه ( ) : تأثير استخدام مصفوفة  
المدرسة عالية ميرباو

الفهم القراءة للطلاب

أجريت هذه الدراسة المعوقات التي تواجه  
فهم القراءة . المشكلة هي  
الرئيسية لا يمكن العثور على الكلمات الرئيسية

أيضا لا يمكن  
وقد أجريت هذه الدراسة بهدف لتحديد ما إذا كان هناك تأثير كبير  
الفهم القراءة للطلاب في المدرسة عالية ميرباو  
الذين تعلموا الاستراتيجيات التقليدية.  
تصميم استخدمت في هذه الدراسة هي تصميم  
شبه تجريبية. البيانات، يستخدم ، وكان يستخدم لجمع البيانات في فهم  
اختبارين: يتكون . يعادل

تستخدم لتحديد فهم قراءة  
تستخدم لتحديد فهم . لتحليل بيانات والباحثين عينات  
الإحصائي للعلوم الاجتماعية.  
وبعد تحليل بيانات هناك تأثير كبير  
الفهم القراءة للطلاب في المدرسة عالية ميرباو، مما يدل على  
كبير الجدول هو  
هو ، يتم رفض فرضية خالية (هو) يتم قبول فرضية بديلة (ها) ويظهر  
< >  
يعطي تأثير جيد في تحسين  
فهم قراءة

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Finally, the writer admits that this thesis is still far from being perfect. Therefore, constructive advice and critics from the reader will be much appreciated.

**“May Allah Almighty bless us”**

**امين يا ربّ العالمين**

Pekanbaru, December 25, 2013

The Writer

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## LIST OF CONTENTS

<b>SUPERVISOR APPROVAL</b> .....	<b>i</b>
<b>EXAMINER APPROVAL</b> .....	<b>ii</b>
<b>ACKNOWLEDGEMENT</b> .....	<b>iii</b>
<b>ABSTRACT</b> .....	<b>v</b>
<b>LIST OF CONTENTS</b> .....	<b>viii</b>
<b>LIST OF TABLES</b> .....	<b>x</b>
<b>LIST OF APPENDICES</b> .....	<b>xi</b>
<b>CHAPTER I INTRODUCTION</b>	
A. Background of The Problem .....	1
B. Problem .....	5
1. Identification of the Problems.....	5
2. Limitation of the Problems .....	5
3. Formulation of the Problems.....	5
C. Objectives and Significant of the Research .....	6
1. Objectives of the Research.....	6
2. Significant of the Research .....	7
D. Defination of the terms.....	7
<b>CHAPTER II REVIEW OF RELATED LITERATURE</b>	
A. Theoretical Framework .....	10
1. The Nature of Reading .....	10
2. The Component of Reading .....	12
3. Type of Reading.....	15
4. Reading Comprehension .....	15
5. Narrative Text .....	17
6. Approach, Method, Technique, Strategy.....	19
7. The Nature of Memory Matrix.....	21
a. Definition of Memory Matrix Technique.....	21
b. The Advantages Memory Matrix Technique.....	21
c. Teaching Procedure of Memory Matrix Technique	22
B. Relevant Research .....	22
C. Operational Concept.....	24
D. Assumption and Hypothesis.....	25
1. Assumption .....	25
2. Hypothesis.....	25
<b>CHAPTER III RESEARCH METHODOLOGY</b>	
A. Research Design.....	27
B. Time and Location of the Research .....	28
C. Subject and Object of the Research .....	28
D. Population and Sample of the Research.....	28

E. The Technique of Collecting Data .....	29
F. The Technique of Data Analysis.....	33
 <b>CHAPTER IV THE PRESENTATION OF THE DATA ANALYSIS</b>	
A. The Data Presentation .....	34
1. Implementation of Memory Matrix Technique.....	34
2. Data Presentation of Students' Reading Comprehension Taught by Using Memory Matrix Technique.....	36
3. Data Presentation of Students' Reading Comprehension Taught without Using Memory Matrix Technique.....	41
B. The Data Analysis.....	45
1. Analysis of Students' Reading taught by Using Memory Matrix Technique .....	45
2. Analysis of Students' Reading taught without Using Memory Matrix Technique .....	48
3. Analysis of the Effect of Using Memory Matrix Technique Toward Students' Reading Comprehension at the First Year at Senior High School 3 Kuala Merbau.....	50
 <b>CHAPTER V CONCLUSION AND SUGGESTION</b>	
A. The Conclusion .....	56
B. The Suggestion.....	56
 <b>BIBLIOGRAPHY</b>	
<b>APPENDICES</b>	
<b>CURRICULUM VITAE</b>	