



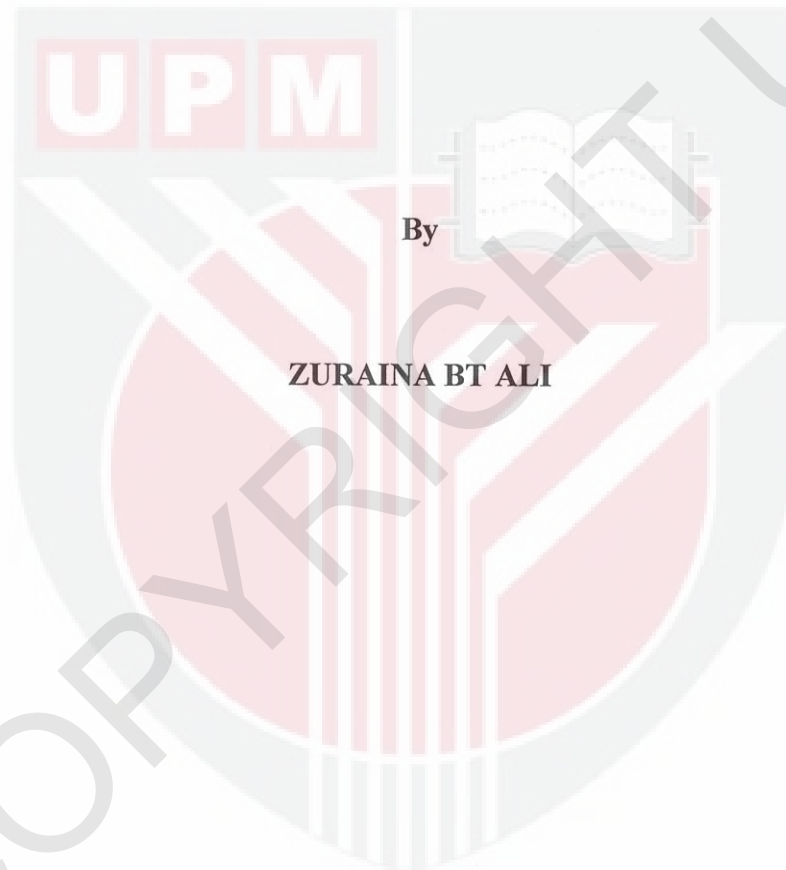
UNIVERSITI PUTRA MALAYSIA

***EFFECTS OF THREE VOCABULARY LEARNING TECHNIQUES ON
VOCABULARY RETENTION OF ESL UNDERGRADUATES IN A
MALYSIAN UNIVERSITY***

ZURAINA BT ALI

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MALAYSIAN UNIVERSITY**



**Thesis Submitted to the School of Graduate Studies, Universiti Putra Malaysia,
in Fulfilment of the Requirement for the Degree of Doctor of Philosophy**

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Abstract of thesis presented to the Senate of Universiti Putra Malaysia in
fulfilment of the requirement for the degree of Doctor of Philosophy

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VOCABULARY RETENTION OF ESL UNDERGRADUATES IN A
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By

ZURAINA BT ALI

March 2012

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Faculty: Educational Studies

This study investigates the effects of three vocabulary learning techniques, which are Contextual Clues, Dictionary Strategy and TMM Vocabulary, in retaining words learnt among ESL learners. Conducting the study serves several purposes. Firstly, it aims at finding which of the vocabulary learning techniques may result in the highest number of words retained, as measured in the immediate and delayed recall tests. Secondly, it investigates the students' attitudes after they are exposed to the vocabulary learning techniques. Finally, it seeks to find out students' preferences and difficulties of using the techniques in retaining words learnt.

The results of the study support Ellis' Model of Second Language Acquisition (SLA) in that instructions need to match L2 learners' aptitude of helping them to retain the words learnt using the vocabulary learning techniques taught to them. Social Constructivist Learning Theory is also used to explain the findings. The theory describes that the construction of knowledge inside the classroom depends on the

inter-dependence of social and individual processes. While learners interpret the learning in their own ways, they also need to be dependent on their friends and be facilitated by their teachers in their attempt to retain the vocabulary learnt in class.

The study has adopted both quantitative and qualitative methods in collecting its data. A quasi-experiment that tested the effects of retaining vocabulary using Dictionary Strategy, Contextual Clues and TMM Vocabulary involved 123 first-year university students. A survey gauged their attitudes after being exposed to the techniques. Qualitative procedures included the collection of data from interviews, which were conducted to identify both their preferences and the hindrances they encountered in using the techniques.

Results from the study showed that there was a significant difference ($p = .033 < .05$) in Immediate Recall Tests when students were exposed to Dictionary Strategy, Contextual Clues and TMM Vocabulary. The finding for the Delayed Recall Post-test, however, was not supported ($p = .735 < .05$). There was also evidence that students' attitudes were found to be significant ($p = .002 < .05$) when they were exposed to the three vocabulary learning techniques. Finally, students' preferences and hindrances relating to the use of the respective vocabulary learning techniques were dependent on the treatments as well as their proficiency levels.

Abstrak tesis yang dikemukakan kepada Senat Universiti Putra Malaysia
sebagai memenuhi keperluan untuk ijazah Doktor Falsafah

**KESAN TERHADAP KEBOLEHAN MENYIMPAN PERBENDAHARAAN
KATA PARA PELAJAR YANG MEMPELAJARI BAHASA INGGERIS
SEBAGAI BAHASA KEDUA MENGGUNAKAN TIGA TEKNIK
PEMBELAJARAN PERBENDAHARAAN KATA DI SEBUAH
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Kajian ini menyelidik kesan terhadap tiga teknik mempelajari perbendaharaan kata iaitu petunjuk konteks, strategi menggunakan kamus dan pembelajaran bahasa menggunakan bantuan komputer di kalangan para pelajar yang mempelajari Bahasa Inggeris sebagai Bahasa Kedua. Kajian yang dijalankan ini mempunyai beberapa tujuan. Pertama, ianya bertujuan untuk mencari teknik mempelajari perbendaharaan kata yang dapat menyumbang kepada jumlah perkataan paling tinggi mampu disimpan sebagaimana diukur dengan menggunakan ujian ingatan terus dan ujian penanguhan ingatan. Kedua, ianya menyelidik sikap para pelajar setelah didedahkan kepada teknik-teknik tersebut. Akhirnya, ianya bertujuan untuk mengetahui kecenderungan dan halangan menggunakan teknik-teknik ini untuk menyimpan perkataan yang dipelajari di dalam ingatan para pelajar.

Dapatan kajian menyokong model Penerimaan Bahasa Kedua Ellis di mana pengajaran perlu sesuai dengan kebolehan para pelajar yang mempelajari Bahasa Inggeris sebagai Bahasa Kedua, agar dapat membantu mereka menyimpan makna perkataan Bahasa Inggeris menggunakan teknik-teknik yang dijelaskan. Teori Pembelajaran Konstruktivisme Sosial juga digunakan untuk menjelaskan dapatan-dapatan kajian. Teori tersebut memerikan bahawa pembinaan ilmu di dalam kelas bergantung pada proses kesalingbergantungan sosial dan individu. Selagi pelajar mentadbir pembelajaran dengan cara mereka, selagi itulah mereka bergantung pada rakan sebaya, dan bantuan guru dalam usaha mereka untuk menyimpan perkataan yang dipelajari di dalam kelas.

Kajian ini menggunakan kedua-dua kaedah metodologi terdiri dari kuantitatif dan kualitatif. Satu eksperimen kuasi yang menguji kesan menyimpan perkataan Bahasa Inggeris menggunakan petunjuk konteks, strategi menggunakan kamus dan pembelajaran bahasa menggunakan bantuan komputer telah melibatkan 123 pelajar universiti. Satu kaji selidik juga digunakan untuk mengukur sikap para pelajar setelah didedahkan kepada teknik-teknik tersenarai. Kaedah kualitatif yang digunakan termasuk pengumpulan laporan secara lisan yang bertujuan untuk mengetahui kecenderungan dan halangan yang dihadapi oleh para pelajar di dalam menggunakan teknik-teknik ini.

Dapatan penyelidikan mendapati bahawa terdapat perbezaan yang signifikan ($p = .033 < .05$) di dalam ujian Ingatan Terus bila pelajar telah didedahkan kepada petunjuk konteks, strategi menggunakan kamus dan pembelajaran bahasa menggunakan bantuan komputer. Dapatan ujian penangguhan ingatan, walau

bagaimanapun, tidak disokong ($p = .735 < .05$). Terdapat juga bukti bahawa sikap para pelajar berbeza ($p = .002 < .05$) apabila mereka didedahkan kepada ketiga-tiga teknik pembelajaran perbendaharaan kata tersebut. Akhirnya, kecenderungan dan halangan yang berkaitan dengan penggunaan teknik pembelajaran perbendaharaan kata adalah bergantung kepada rawatan serta peringkat kemahiran para pelajar.



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This thesis was submitted to the Senate of the Universiti Putra Malaysia and has been accepted as fulfillment of the requirement for the degree of Doctor of Philosophy. The members of the supervisory committee members were as follows:

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DECLARATION

I declare that the thesis is my original work except for quotations and citations which have been duly acknowledged. I also declare that it has not been previously, and is not concurrently, submitted for any other degree at Universiti Putra Malaysia or other institutions.

ZURAINA BT ALI

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LIST OF TABLES

Table		Page
2.1	Strengths and Weaknesses of using Bilingual, Monolingual and Bilingualised Dictionaries	38
3.1	Nonrandomised Control Group, Pre-test-Post-test Design	82
3.2	Groups and Treatments	83
3.3	Internal Validity and Controlling Measures	85
3.4	Number of Students, Faculties and Respective Groups	87
3.5	Item Difficulty According to Sections in Tests	91
3.6	Item Discrimination According to Sections in Tests	92
3.7	Previous Studies Concerning Implementation of Instructional Treatments	101
3.8:	Format of Vocabulary Assessments from Previous Studies	106
3.9	Researchers and Adapted Items for Questionnaire	112
3.10	Adapted Interview Items for Competent Learners	113
3.11	Adapted Interview Items for Basic Learners	114
3.12	Range of Scores for the Selection of Students in the Interview	115
3.13	Internal Consistency of Instruments	121
3.14	Dates and Activities in Collecting Data for the Study	122
3.15	Interpretation of the Strength of Partial Eta Squared	124
3.16	Analysis Technique for Quantitative Data	125
4.1	Descriptive Table of Pre-treatment Diagnostic Test	131

4.2	K-S Test of Normality for Pre-treatment Diagnostic Test	133
4.3	K-S Test of Normality for Immediate Recall Test 1	137
4.4	K-S Test of Normality for Immediate Recall Test 2	140
4.5	Descriptive Table of Delayed Recall Post-test	142
4.6	K-S Test of Normality for Delayed Recall Post-test	144
4.7	Descriptive Table of Questionnaire	148
4.8	K-S Tests of Normality for Questionnaire	149
4.9	Distribution of Subjects According to Groups and Gender	150
4.10	Distribution of Subjects according to Faculty, Semester and Year of Study	151
4.11	Mean and Standard Deviation of the Pre-treatment Diagnostic Test	152
4.12	ANOVA of Pre-treatment Diagnostic Test to Determine Students' Knowledge of the Words	152
4.13	Descriptive Table of Mean and Standard Deviation of Immediate Recall Tests	153
4.14	Results of ANOVA of Immediate Recall Tests	154
4.15	Gabriel Post Hoc Test of Immediate Recall Tests	154
4.16	Mean and Standard Deviation of Delayed Recall Post-test	155
4.17	Results of ANOVA for Delayed Recall Post-test	156
4.18	Evaluation of Students' Learning Attitudes for Respective Groups	157

4.19	Mean and Standard Deviation of Students' Learning Attitudes	159
4.20	ANOVA of Students' Learning Attitudes	159
4.21	Gabriel Post Hoc Test of Students' Learning Attitudes	160
4.22	Preferences for using Contextual Clues in Learning Vocabulary	161
4.23	Preferences for Using Dictionary Strategy in Learning Vocabulary	162
4.24	Preferences for Using TMM Vocabulary in Learning Vocabulary	162
4.25	Hindrances of Using Contextual Clues in Learning Vocabulary	163
4.26	Hindrances of Using Dictionary Strategy in Learning Vocabulary	163
4.27	Hindrances of Using TMM Vocabulary in Learning Vocabulary	164
4.28	Summary of Findings	178

LIST OF FIGURES

Figure		Page
2.1	Inductive Procedure of Guessing from Context	22
2.2	Bruton and Samada's six stages of guessing procedure	23
2.3	The 'noticing' stage	57
2.4	The 'storage' stage.	58
2.5	The 'consolidation' stage	59
2.6	Ellis' Model of Second Language Acquisition showing the Relationship between Individual Learner Differences, Situational Factors, Learning Strategies and Learning Outcomes	70
2.7	Theoretical Framework	76
2.8	Conceptual Framework of the Study	78
3.1	Calculation to Determine Item Difficulty	90
3.2	Calculation to Determine Item Discrimination	92
3.3	Guessing Procedure for Students in Contextual Clues Group	95
3.4	Procedures of Using OALD for Students in the Dictionary Strategy Group	97
3.5	Procedures of Using TMM Vocabulary	99
4.1	Histogram with frequency curve of Pre-treatment Diagnostic Test	130
4.2	Boxplot of Pre-treatment Diagnostic Test	131
4.3	Normal Q-Q Plot of Pre-treatment Diagnostic Test	132
4.4	Detrended Normal Q-Q Plot of Pre-treatment Diagnostic Test	133

4.5	Histogram and Frequency Curve of Immediate Test 1	134
4.6	Boxplot of Immediate Test 1	135
4.7	Normal Q-Q Plot of Immediate Test 1	136
4.8	Detrended Normal Q-Q Plot of Immediate Test 1	136
4.9	Histogram and Frequency Curve of Immediate Test 2	138
4.10	Boxplot of Immediate Test 2	138
4.11	Normal Q-Q Plot of Immediate Test 2	139
4.12	Detrended Normal Q-Q Plot of Immediate Test 2	140
4.13	Histogram and Frequency Curve of Delayed Recall Post-test	141
4.14	Boxplot of Delayed Recall Post-test	142
4.15	Normal Q-Q Plot of Delayed Recall Post-test	143
4.16	Detrended Normal Q-Q Plot of Delayed Recall Post-test	144
4.17	Histogram and Frequency Curve of Questionnaire	146
4.18	Boxplot of Questionnaire	147
4.19	Normal Q-Q Plot of Questionnaire	148
4.20	Detrended Normal Q-Q Plot of Questionnaire	149

LIST OF ABBREVIATIONS

ANOVA	Analysis of Variance
BNC	The British National Corpus
CAI	Computer Aided Instruction
CALL	Computer-Assisted Language Learning
CAVOCA	Computer Assisted Vocabulary Acquisition
CCECD	Continental's Concise English-Chinese Dictionary
CMLHS	Centre for Modern Languages & Human Sciences
COCA	The Corpus of Contemporary American English
EDA	Exploratory Data Analysis
EFL	English for Foreign Language
ESL	English as a Second Language
IIUM	International Islamic University Malaysia
IPA	International Phonetic Alphabet
IRT	Immediate Recall Test
KR-20	Kuder-Richardson Formula 20
K-S Test	Kolmogorov-Smirnov Test
L1	First Language
L2	Second Language
LDCE	Longman's Dictionary of Contemporary English
LEI	The Longman Interactive
LLS	Lexically Less Skilled
LS	Lexically Skilled
MUET	Malaysian University English Testing
MYTO	The Malaysian Theses Online

OALD	Oxford Advanced Learner's Dictionary
PLSP	Perceptual Learning Style Preferences
SAV	Subjective Approach to Vocabulary
SCL	Student-Centred Learning
SD	Standard Deviation
SLA	Second Language Acquisition
SPSS	Statistical Package of Social Sciences
TESL	Teaching English as A Second Language
TMM	Tell Me More
UiTM	Universiti Teknologi MARA
UKM	Universiti Kebangsaan Malaysia
UMP	Universiti Malaysia Pahang
ZPD	Zone of Proximal Development



TABLE OF CONTENTS

	Page
ABSTRACT	ii
ABSTRAK	iv
ACKNOWLEDGEMENTS	vii
APPROVAL	x
DECLARATION	xii
LIST OF TABLES	xiii
LIST OF FIGURES	xvi
LIST OF ABBREVIATIONS	xviii
CHAPTER	
1	
INTRODUCTION	1
1.1 Background of the Study	1
1.1.1 Guessing Meaning from Context in Learning Vocabulary	3
1.1.2 Dictionary Use in Learning Vocabulary	4
1.1.3 The Use of Tell Me More Vocabulary (TMM Vocabulary)	5
1.2 Statement of the Problem	6
1.3 Research Objectives	7
1.4 Research Questions	7
1.5 Research Hypotheses	8
1.6 Significance of the Study	8
1.7 Limitations of the Study	9
1.8 Definition of Terms	11
2	
LITERATURE REVIEW	14
2.1 Introduction	14
2.2 Importance of Vocabulary Learning	15
2.3 Implicit and Explicit Vocabulary Learning	15
2.4 Vocabulary Retention	16
2.5 Previous Studies on The Use of Context Clues in Learning Vocabulary	19
2.5.1 Definition of Contextual Clues and Their Types	20
2.5.2 Procedures for Guessing Meaning from Context	22
2.5.3 The Use of Contextual Clues among Language Learners	26
2.5.4 Summary of the Use of Contextual Clues in Learning Vocabulary	30
2.5.5 Research Basis and Gap for the Present Study	31

	in the Use of Contextual Clues	
2.6	Previous Studies on the Uses of Dictionary Strategy in Learning Vocabulary	35
2.6.1	The Importance of Learning Dictionary Strategy	35
2.6.2	The Types of Dictionary	36
2.6.3	The Strengths and Weaknesses of Using Different Types of Dictionaries	38
2.6.4	Types of Information in a Monolingual Dictionary	41
2.6.5	Types of Information Students Look Up in a Monolingual Dictionary	42
2.6.6	The Prevalent Use of Monolingual Dictionary among Language Learners	45
2.6.7	Summary of the Use of Dictionary Strategy	48
2.6.8	Research Basis and Gap for the Present Study in the Use of Dictionary	50
2.7	Tell Me More (TMM)	53
2.7.1	Historical and Pedagogical Background of TMM	53
2.7.2	TMM Vocabulary	54
2.7.3	Previous Studies on TMM	59
2.7.4	Summary of the Use of TMM	63
2.7.5	Research Basic and Gap on the Use of TMM Vocabulary	64
2.8	Theoretical Framework	66
2.8.1	Ellis' Second Language Acquisition (SLA) Model	66
2.8.2	Social Constructivism Theory	71
2.9	Conceptual Framework	77
3	METHODOLOGY	80
3.1	Introduction	80
3.2	Research Design	80
3.3	Population and Sampling	86
3.4	Pilot study	88
3.5	Instructional Treatment	93
	a) Teaching Guessing from Context	94
	b) Teaching the Dictionary Consulting Skills	95
	c) Teaching the Use of TMM Vocabulary	98
3.6	Classroom Activities	99
3.7	Target Vocabulary	100
3.8	Descriptions of Instruments	105
	a) The Vocabulary Achievement Test	108
	i) Immediate Recall Tests	108
	a) Immediate Recall Test 1	109
	b) Immediate Recall Test 2	109
	ii) Pre-treatment Diagnostic Test	110
	iii) Delayed Recall Post-test	110
	b) Questionnaire	111

	c) Semi-structured Interview	112
	3.9 Scoring of Vocabulary Achievement Tests	114
	3.10 Validity of Instruments	115
	a) Validity of Vocabulary Achievement Tests	116
	b) Validity of Questionnaire	118
	c) Validity of Semi-structured Interview Protocol	119
	3.11 Reliability of Instrument	120
	3.12 Data Collection Procedures	121
	3.13 Data Analysis Procedures	122
	a) Exploratory Data Analysis (EDA)	123
	b) Descriptive Statistic	124
	c) Inferential Statistic	124
	3.14 Data Analysis Technique	124
	a) Analysis Technique for Quantitative Data	125
	b) Analysis Technique for Qualitative Data	125
	3.15 Summary	127
4	RESULTS	128
	4.1 Introduction	128
	4.2 Exploratory Data Analysis (EDA)	128
	a) Assessing the Normality of the Pre-treatment Diagnostic Test	130
	b) Assessing the Normality of the Immediate Recall Test 1	134
	c) Assessing the Normality of the Immediate Recall Test 2	137
	d) Assessing the Normality of the Delayed Recall Post-test	141
	e) Assessing the Normality of the Questionnaire	145
	4.3 Respondents' Profiles	150
	4.4 Determining Knowledge of the Words	151
	4.5 Research Questions and Findings of the Study	152
	4.5.1 Quantitative Analyses	153
	a) Analysis of Immediate Recall Tests	153
	c) Analysis of Delayed Recall Post-test	155
	d) Analysis of Questionnaire	156
	4.5.2 Qualitative Analyses	164
	4.6 Summary	177
5	CONCLUSION, IMPLICATIONS AND RECOMMENDATIONS	181
	5.1 Main Findings of the Study	181
	5.1.1 Short Term Vocabulary Retention Using Contextual Clues, Dictionary Strategy and TMM Vocabulary	182
	5.1.2 Long Term Vocabulary Retention Using Contextual Clues, Dictionary Strategy and TMM Vocabulary	184
	5.1.3 Students' Attitudes Using Contextual Clues, Dictionary Strategy and TMM Vocabulary	188

5.1.4	Students' Preferences of Using Contextual Clues, Dictionary Strategy and TMM Vocabulary in Retaining Vocabulary	190
5.1.5	Students' Hindrances of Using Contextual Clues, Dictionary Strategy and TMM Vocabulary in Retaining Vocabulary	193
5.2	Implications of the Study	197
a)	Theoretical Implications	197
b)	Practical Implications and Recommendations	199
5.3	Directions for Further Research	200
REFERENCES		206
APPENDIX		
A	Consent Form	225
B	Item Difficulty and Item Discrimination	226
C	Lesson Plans for Contextual Clues	230
D	Lesson Plans for Dictionary Strategy	234
E	Lesson Plans for TMM Vocabulary	238
F	Classroom activities for Contextual Clues, Dictionary Strategy and TMM Vocabulary	242
G	List of target words for the study	276
H	Immediate Recall Test 1	277
I	Immediate Recall Test 2	280
J	Pre-treatment Diagnostic Test	283
K	Delayed Recall Post-test	288
L	Questionnaire for Contextual Clues	293
M	Questionnaire for Dictionary Strategy	295
N	Questionnaire for TMM Vocabulary	297
O	E-mails Confirming the Permission to Use Previous Researchers' Questionnaire Items	299
P	Interview Protocol for Competent Learner	300
Q	Interview Protocol for Basic Learner	302
R	Translated Interview Protocol for Basic Learner	304
S	Students' Scores for Vocabulary Achievement Tests	306
T	Emails' Correspondences for Validity of Vocabulary Tests	310
U	Biodata of Experts in Validating Research Instrument	311
BIODATA OF STUDENT		314
LIST OF PUBLICATIONS		316