



UNIVERSITI PUTRA MALAYSIA

**COMPARISON BETWEEN COMPETENT AND BASIC ENGLISH
LANGUAGE LEARNERS USING COGNITIVE AND AFFECTIVE
LEARNING STRATEGIES**

AMALI BINTI AHMAD KHAIR

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LEARNING STRATEGIES**

By

AMALI BINTI AHMAD KHAIR

**Thesis Submitted to the School of Graduate Studies, Universiti Putra Malaysia,
in Partial Fulfillment of the Requirement for the Degree of Master of Science**

March 2007



DEDICATION

To my late father,
Hj. Ahmad Khair bin Taib,

For his love, understanding and unrelenting support till the end;

To my mother,
Arfah @ Jamaliah bt. Hj. Ahmad,

For her love, everlasting 'wake up call' and 100% encouragement;

To my auntie,
Atikah bt. Hj. Ahmad,

For her understanding, support in her own right and constructive criticisms;

To my siblings,
Dik Nie, Shal, Wahdi, Yang and Deena,

For their love, unfailing 'push' and support in their own individual way;

To my beloved soulmate and my tower of strength, my husband,
Juwahir bin Kayan,

For his undying love, endless understanding and eternal support;

And

To my three beautiful daughters,
Afif Bazlaa, Afif Nuhaa and Afif Ulfaa,

For their beautiful selves and smiles, joys and laughter, and forever 'chaos'
and 'noises' in my life.

All of you mean so much to me and you are all truly and absolutely beautiful
in my eyes and in my heart.

*Nothing is wasted,
Nothing is forgotten...*

Abstract of a thesis presented to the Senate of Universiti Putra Malaysia in partial fulfillment of the requirement for the degree of Master of Science

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Chairman: Ghazali Mustapha, PhD

Faculty: Educational Studies

This study was carried out mainly to examine the disparity of achievement between the excellent and below the average students in relation to their cognitive and affective application in their learning styles. The study focused on whether or not the application of CCTS (Critical and Creative Thinking Skills) or TS (Thinking skills) in their learning strategies is significant.

Therefore, a two-fold (quantitative and qualitative method) quasi-experimental one group pretest posttest type of study was conducted to investigate the phenomenon. This study consists of three methods of data collection; responses from the

questionnaire, taped recording responses from the interviews and the analysis of the transcribed lessons conducted. A comparative study between two types of respondents are involved in this study; namely the excellent and below the average students using English as a second language thus 129 students of B(Ed.) TESL in UPM were being partially experimented on. The subjects were required to respond to the five section questionnaire of forty nine (49) items which included section A – Student's profile and Habitual Tasks, section B – Parents' or Guardian's Background, section C – What a Good Learner Can Teach Us (a perception of excellent students on how to excel), section D (i) and (ii) – COGAFF and section E – Multiple Intelligence Inventory; for the quantitative part of the study. Analyses of the quantitative data were carried out using SPSS Version 13.0. The qualitative aspect of the study was basically based on the interview on how they learnt English, their experience in the process of learning the language and their strategies on how to excel in learning the target language. The transcriptions of the two lessons were provided in this study to show that the application of CCTS can either be in an 'overt' or direct kind of intervention or in a 'covert' or subtle manner of teaching as well. This was shown in the consolidation section when the researcher added another six (6) excellent students from the Al Bukhary Complex as she found that the initial part of the study proved to be insufficient in providing data of the excellent students. Therefore, the total number of respondents involved in this study was 135 students.

From the descriptive analyses of the data it was discovered that the two groups of students exhibit differences in their habitual tasks and these differences can be narrowed through intervention. From the analyses of paired samples t tests and independent samples t tests of SPSS Version 13.0 it was discovered that the two groups of students also exhibit significant differences in their perception of what good learners can teach them in terms of strategies and learning styles; in their strategies and learning styles based on their cognitive and affective domains; and also in their thinking skills, all of which can be narrowed using intervention.

Abstrak tesis yang dikemukakan kepada Senat Universiti Putra Malaysia sebagai memenuhi sebahagian keperluan untuk ijazah Master Sains

**PERBANDINGAN DI ANTARA PELAJAR-PELAJAR KOMPETEN DAN
PELAJAR-PELAJAR ASAS BAHASA INGGERIS DENGAN
MENGUNAKAN STRATEGI PEMBELAJARAN
KOGNITIF DAN AFEKTIF**

Oleh

AMALI BINTI AHMAD KHAIR

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Kajian ini bertujuan untuk mengkaji perbezaan pencapaian di antara pelajar-pelajar cemerlang dan pelajar-pelajar yang lemah berdasarkan kepada aplikasi kognitif dan afektif di dalam stail pembelajaran mereka. Kajian ini menjurus kepada menjawab persoalan samaada aplikasi kemahiran berfikir secara kreatif dan kritikal (CCTS) ataupun kemahiran berfikir (TS) di dalam strategi pembelajaran mereka signifikan. Untuk mencapai tujuan ini satu kajian separuh ekspiremen yang menggunakan kaedah perbandingan pra dan pasca kajian telah dijalankan.

Kajian ini mengandungi tiga kaedah pengumpulan maklumat iaitu; penggunaan borang kaji selidik; jawapan dari temuduga yang dirakamkan; dan dari analisa transkripsi pengajaran yang telah dijalankan. Kajian ini juga melibatkan satu perbandingan di antara pelajar-pelajar cemerlang dan yang lemah dalam aspek penguasaan Bahasa Inggeris sebagai bahasa kedua. Sejumlah 129 pelajar B. (Ed) TESL di Universiti Putra Malaysia telah disoal selidik untuk kajian ini. Responden telah dikehendaki menjawab sebanyak 49 soalan di dalam 5 bahagian melalui borang soal selidik iaitu; Bahagian A – Profail Pelajar dan Tugas Rutin (Habitual Tasks); Bahagian B – Latar Belakang Ibubapa atau Penjaga; Bahagian C – Persepsi Apa Yang Boleh Diajar Oleh Seorang Pelajar Cemerlang (satu persepsi bagaimana pelajar cemerlang beroleh kejayaan); Bahagian D (i) dan (ii) – COGAFF; dan Bahagian E – Inventori Kecerdasan Pelbagai (Multiple Intelligence). Analisa data kuantitatif telah dibuat menggunakan SPSS Versi 13.0 manakala analisa kualitatif melalui temuduga yang menjurus kepada bagaimana responden belajar Bahasa Inggeris, pengalaman mereka di dalam mempelajari bahasa tersebut dan strategi-strategi bagaimana untuk mencapai kecemerlangan di dalam penguasaan bahasa tersebut. Transkripsi pengajaran-pengajaran telah dibuat di dalam kajian ini untuk menunjukkan aplikasi kemahiran berfikir secara kreatif dan kritikal (CCTS) boleh dilaksanakan melalui kaedah pencelahan yang nyata (overt intervention) ataupun tidak nyata (covert intervention). Bagi mengukuhkan lagi keputusan kajian, pengkaji telah menambah sejumlah enam orang lagi responden yang cemerlang dari Kompleks Pendidikan Al Bukhary, Alor Star di dalam kajian beliau untuk dianalisa

secara kualitatif dan kuantitatif menjadikan jumlah responden seramai 135 orang kesemuanya.

Dari analisa deskriptif yang dijalankan, kajian ini mendapati bahawa kedua-dua kumpulan pelajar terbabit menunjukkan perbezaan dari segi tugas rutin (habitual tasks) yang mana jurang itu dapat dirapatkan melalui pencelahan (intervention). Melalui analisa yang menggunakan *paired samples t test* dan *independent samples t test* SPSS Versi 13.0, kajian ini telah mendapati bahawa kedua-dua kumpulan pelajar menunjukkan perbezaan yang signifikan di dalam persepsi mereka terhadap apa pelajar cemerlang dapat mengajar mereka dari segi strategi dan stail pembelajaran; di dalam strategi dan stail pembelajaran berlandaskan aspek kognitif dan afektif mereka; dan juga di dalam kemahiran berfikir, yang mana kesemua perbezaan ini dapat dikurangkan melalui kaedah pencelahan (intervention/treatment).

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Approval Sheet

Saya mengesahkan bahawa satu Jawatankuasa Pemeriksa telah berjumpa pada 5 Januari 2007 untuk menjalankan peperiksaan akhir bagi Amali binti Ahmad Khair untuk menilai tesis Master Sains beliau yang bertajuk “Comparison between Competent and Basic English Language Learners Using Cognitive and Affective Learning Strategies” mengikut Akta Universiti Pertanian Malaysia (Ijazah Lanjutan) 1980 dan Peraturan Universiti Pertanian Malaysia (Ijazah Lanjutan) 1981. Jawatankuasa Pemeriksa tersebut telah memperakukan bahawa calon ini layak dianugerahi ijazah Master Sains.

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TABLE OF CONTENTS

	Page
DEDICATION	ii
ABSTRACT	iii
ABSTRAK	vi
ACKNOWLEDGEMENTS	ix
APPROVAL SHEET	x
TABLE OF CONTENTS	xi
LIST OF TABLES AND FIGURES	xviii
LIST OF ABBREVIATIONS	xxi
LIST OF APPENDICES	xxii
DECLARATION	xxiii

CHAPTER

1	INTRODUCTION	
	Why do we need to review the origin of thinking skills?	1
	Problem Statement	7
	Objectives - General objective	12
	Specific objectives	12
	Research questions	13
	Significance of the study	14
	Scopes and limitations of the study	18
	Theoretical framework	19
	Thinking skills: Ghazali Mustapha's COGAFF	20
	Taxonomy	
	Thinking skills: Gardner's Multiple Intelligence	20
	Theories of Learning Related to Thinking Skills of	21
	Different School of Thoughts	
	Behaviorism style	22
	Cognitivism style	23

Humanism style	24
Constructivism style	25
Operational definition	26
Learning and teaching styles	26
Excellent students	27
Average students	28
Below the average students	28
2 LITERATURE REVIEW	29
What is the significance of the literature review to the study?	29
Why are the headings in question forms?	30
Which school of thoughts? (Major theories of learning)	30
Behaviorist perspectives	31
Cognitivist perspectives	35
Constructivist perspectives	36
Collaborative learning	38
Humanistic perspectives	39
TESL Methodology	42
Academic style/ Grammar Translation Method	43
The Audiolingual style	44
The communicative style – Social type	46
The communicative style – Information type	46
Thinking skills : From the viewpoint of the historical background	47

Today's perception of the Thinking skills	49
Twentieth and twenty first century : Contributors to the school of thinking skills	52
Bloom's (cognitive) and Krathwohl's Affective domains	52
Gardner's Multiple Intelligence	54
Ghazali Mustapha's COGAFF Taxonomy	58
Ghazali Mustapha's COGAFF Taxonomy elaborated	59
The implications of thinking skills usage On Malaysian Education system	62
The application of thinking skills in the Curriculum of the Malaysian Education system	69
Using Thinking Skills in teaching and learning	71
Conclusion	78
3 RESEARCH METHODOLOGY	80
Why is it pertinent that we use appropriate research method and design?	80
Introduction	80
Research design	81
Quantitative vs Qualitative style	83
Pilot study	88
Reliability and validity	89
The actual research	91
Inter-rater reliability	94
Conceptual framework of the study	97
Target population	101

	Subjects and sampling procedures	102
	Curriculum layout	105
	Assessment instruments	106
	Instrument 1 – Ghazali Mustapha's COGAFF Taxonomy	107
	Instrument 2 – Multiple Intelligences and MIDAS	111
	The research instrument – the Questionnaire TSI (Thinking Skill Inventory)	115
	Conclusion	121
4	RESULTS AND ANALYSIS OF DATA	123
	Why do we provide our research with results?	123
	Need we analyze the data? Why?	
	Research questions	123
	Research hypotheses	124
	The framework of the study	127
	The quantitative section – The analysis	130
	Analysis of hypothesis 1 - frequencies	133
	Analysis of hypothesis 1 – Wilcoxon Signed Ranks Test	137
	Analysis of hypothesis 2	142
	Analysis of hypothesis 3	143
	Analysis of hypothesis 4	144
	Analysis of hypothesis 5	145
	Analysis of hypothesis 6	148
	Analysis of hypothesis 7	149

The qualitative section – The analysis	150
Why do we interview the students?	151
The analysis of the interview – the consolidation section	153
Student 1	153
Student 2	158
Student 3	162
Student 4	167
Student 5	172
Student 6	176
Why do we use contextual based transcription to transcribe the interview?	180
Why is the combination of both cognitive and affective domains important?	181
Why do we need to integrate Motivation and Self Concept?	182
What is the definition of motivation?	182
Why is motivation important?	183
How are motivation and emotion related?	184
What are the sources of motivation? (i)	185
Intrinsic process motivation	187
Instrumental motivation	187
External self concept based motivation	187
Internal self concept based motivation	188
Goal internalization	189
Why do we need to incorporate a self concept-based of learning motivation?	189
Why do we need to structure and develop our self	190

concept?

Why is the Perceived Self crucial in promoting behavior change?	191
Self-Esteem/Self concept	196
What are the sources of motivation? (ii)	197
Why should we consider the impact of self concept on motivational processes?	199
Expectancy	199
Attribution	200
Reinforcement	201
Behavior/Attitude change	203
Attitude Change Continuum:	204
Possible learning/acquisition Strategies	
Analysis of the Consolidation section – Transcriptions	205
Why do we need the transcriptions?	
Transcription 1	205
Transcription 1: A Lesson on Fear	207
Transcription 2	210
Transcription 2: A Mystery	211
The analysis – Transcription 1	217
Interpretation of the result Transcription 1	221
The analysis – Transcription 2	224
Interpretation of the result Transcription 2	228
Abbreviation	232
Conclusion	233

5	DISCUSSION AND CONCLUSION	234
	Introduction	234
	Discussion of the findings	234
	Conclusion of the findings	239
	Discussion and conclusion on the statistical data – quantitative data	239
	Discussion and conclusion on the interview – qualitative data	243
	Discussion and conclusion on the transcribed lessons	245
	Suggestions for further study	254
	Research Limitations	256
	Bibliography	258
	Appendices	280

LIST OF TABLES AND FIGURES

TABLES

3.1 :	Quantitative Style vs Qualitative Style
3.2 :	The Quasi-experimental One-Group Pretest/Posttest Design
3.3 :	Thinking Skills Inventory Achievement (TSIA)
3.4 :	Reliability Analysis of the Dependent Variables
3.5 :	Multiple Intelligences Table
3.6 :	Style of Learning
3.7 :	TESL Methodology (adopted)
3.8 :	COGAFF Taxonomy – the levels adopted
3.9 :	Final Total of the Group
3.10 :	COGAFF TAXONOMY
4.1(i) :	Thinking Skill Inventory of Achievement (TSIA)
4.1(ii) :	Thinking Skill Inventory of Achievement (TSIA) based on CGPA only
4.2:	v6 - Students taking vitamins or supplements
4.3 :	v7 - Students engaged in sports
4.4:	v8 - Students liked to stay indoors
4.5:	v9 - Students helped out with local charity
4.6:	v10 - Students who took up other subjects
4.7:	Mean difference of pretest and posttest of what good learners can teach them in terms of strategies and language learning styles using paired sample T test
4.8:	Mean difference of pretest and posttest of what good learners can teach them in terms of strategies and language learning styles between excellent and below average students using independent samples T test

- 4.9: Mean difference of pretest and posttest of students' strategies and language learning styles based on the Cognitive and Affective Domains (TARO and JIGGS) before and after intervention using paired sample t-test
- 4.10: Mean difference of pretest and posttest of students' strategies and language learning styles based on the Cognitive and Affective Domains (TARO and JIGGS) between excellent and below average students using independent samples T test
- 4.11: Mean difference of pretest and posttest of Multiple Intelligence before and after intervention using paired sample T test
- 4.12: Mean difference of pretest and posttest of Multiple Intelligences between excellent and below average students using independent samples T test
- 4.13: Multiple Intelligences Table
- 4.14: Style of Learning
- 4.15: TESL Methodology (adopted)
- 4.16: COGAFF Taxonomy – the levels adopted
- 4.17: Transcription 1 - Style of Learning
- 4.18: Transcription 1 - TESL Methodology adopted
- 4.19: Transcription 1 - COGAFF Taxonomy – the levels adopted
- 4.20: Comparison Between Low Order Questions and High Order Questions Posted during the lesson
- 4.21: Transcription 1 - Multiple Intelligences
- 4.22: Transcription 2 - Style of Learning
- 4.23: Transcription 2 - TESL Methodology adopted
- 4.24: Transcription 2 - COGAFF Taxonomy – the levels adopted
- 4.25: Transcription 2 - Comparison Between Low Order Questions and High Order Questions Posted during the lesson
- 4.26: Transcription 2 - Multiple Intelligences
- 4.27: Abbreviation

List of Diagrams/Transcriptions/Charts

Diagram 3.1 :	Framework of the Research
Diagram 3.2 :	Conceptual Framework of the Research Proposed
Diagram 3.3 :	Proposed Administration of the Research
Diagram 3.4 :	The Actual Administration of the Research
Diagram 4.1:	The framework of the study
Transcription 1 :	A lesson on Fear
Transcription 2 :	A Mystery

LIST OF ABBREVIATIONS/NOTATIONS/GLOSSARY OF TERMS

AS	-	Average students
BAS	-	Below the average students
CCTS	-	Critical and creative thinking skills
COGAFF	-	Cognitive and Affective Taxonomy
EPT	-	English Placement Test
EQ	-	Emotional quotient
ESL	-	English as a Second Language
HOTs	-	Higher Order Thinking skills
KBKK	-	Kemahiran Berfikir secara Kritis dan Kreatif
LOTP	-	Lower Order Thoughts Processes
LOTs	-	Lower Order Thinking skills
MI	-	Multiple Intelligences
MoE	-	Ministry of Education
MUET	-	Malaysian University English Test
PMR	-	Penilaian Menengah Rendah
SPM	-	Sijil Pelajaran Malaysia

STPM	-	Sijil Tinggi Pelajaran Malaysia
TESL	-	Teaching English as a Second Language
TS	-	Thinking skills
TSIA	-	Thinking Skills Inventory of Achievement
TSI	-	Thinking Skills Inventory
UPM	-	Universiti Putra Malaysia
UPSR	-	Ujian Penilaian Sekolah Rendah

LIST OF APPENDICES

Appendix 1	:	Research questionnaire
Appendix 2	:	Questions for the interviewee
Appendix 3	:	Critical and Creative Thinking Skills(CCTS)
Appendix 4	:	Critical and Creative Thinking Skills(CCTS)
Appendix 5	:	The National Philosophy of Education
Appendix 6	:	Bloom's Taxonomy
Appendix 7	:	COGAFF Taxonomy of Levels of Thought Processes (LOTP)
Appendix 8	:	CCTS/KBKK
Appendix 9	:	Partial Integration of CCTS/KBKK
Appendix 10	:	Socratic Questioning
Appendix 11	:	Transcription tables
Appendix 12	:	Implications for Teaching
Appendix 13	:	Sources of Motivation and Motivational Inducement Systems

Appendix 14	:	Sekaran (2003) Table of Sample Size for a Given Population Size
Appendix 15	:	Statistical Analysis Frequencies Wilcoxon Signed Ranks Test t-test Normality Test – Explore
Appendix 16	:	The EDU 3043 Module

This thesis is submitted to the Senate of Universiti Putra Malaysia and has been accepted as partial fulfillment of the requirement for the degree of Master of Science. The members of the Supervisory Committee are as follows:

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DECLARATION

I hereby declare that the thesis is based on my original work except for quotations and citations, which have been dully acknowledged. I also declare that it has not been previously or concurrently submitted for any other degree at UPM or other institutions.

AMALI BINTI AHMAD KHAIR

Date: