RELATIONSHIP BETWEEN VOCABULARY LEARNING STRATEGIES AND READING COMPREHENSION PERFORMANCE AMONG NURSING AND ENGINEERING STUDENTS FROM A PRIVATE UNIVERSITY IN MALAYSIA

By

CHEN YANNI



Project Paper Submitted in Partial Fulfillment as the Requirement for the Masters of Arts in Teaching English to Speakers of other Languages (TESOL) by Coursework in the Faculty of Arts, Communication and Education

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Abstract of project paper presented to the Senate of Infrastructure University Kuala Lumpur in partial fulfillment of the requirement for the degree of Masters of Arts in Teaching of English to Speakers of other Languages (TESOL)

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Chair: Suraya Amirrudin

Faculty: Faculty of Arts, Communication and Education

The current study examines a group of nursing and engineering students studying in Malaysia. The current study combines these two groups as sample and a comparative study between them will be done. The main purpose of this study is to look at the relationship between VLS and RCP among the nursing and engineering students from one private institution in Malaysia. There were three theories used as the fundamental of this research: Cognitive Learning Theory (Bartlett, 1932), Noticing Hypothesis (Schmidt,1990) and Reading Comprehension Theory (Gunning,1996). Since the nature of this study is dealing with classifying and counting, researcher believed that the quantitative approach is the best option and the research employed a correlational study as its research design. Researcher took 58 students as sample. This comprised of 18 nursing students and 40 engineering students. They were selected based on the non-probability sampling technique that is purposive sampling. Two instruments were used: Vocabulary Learning Strategy Questionnaire (Schmitt, 1997) and Reading Comprehension Test.

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APPROVAL

This thesis was submitted to the Senate of Infrastructure University Kuala Lumpur (IUKL) and has been accepted as partial fulfillment as the requirement of the degree of Masters of Arts in Teaching of English to Speakers of other Languages. The members of the Thesis Examination Committee were as follows:

Suraya Amirrudin

Senior Lecturer Faculty of Arts, Communication and Education Infrastructure University Kuala Lumpur (IUKL) (Supervisor)

Harold Poong Wan Hing

Senior Lecturer Faculty of Arts, Communication and Education Infrastructure University Kuala Lumpur (IUKL) (Internal Examiner)

Assoc. Prof. Dr Manal Mohsen Abood

(Associate Professor Dr. Manal Mohsen Abood, PhD)

Director

Centre for Postgraduate Studies Infrastructure University Kuala Lumpur (IUKL) 2017

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CHAPTER 1

INTRODUCTION

1.0 INTRODUCTION

Appreciation of the importance of vocabulary and learner strategies has led to considerable research in both areas. Researchers intersect them to become vocabulary learning strategies (VLS). VLS has attracted a noticeable lack of attention. The research which has been done on vocabulary learning strategies has tended to deal with individual or small numbers of strategies, with very few studies looking at the group as a whole.

The research on language learning strategies began in the 1970s as part of the movement away from a predominantly teaching-oriented perspective, to one which included interest in how the actions of learners might affect their acquisition of language. In the beginning, the emphasis was on identifying beneficial language strategies. In the process of identifying and categorizing language strategies, many studies dealt indirectly with strategies specifically applicable to vocabulary learning.

Other than that, reading is by far the most important skills for many students in both second language (SL) and foreign language (FL). Research on effective reading has emphasized the importance of identifying readers' comprehension problem. Researchers later have introduced approaches to emphasize on reading strategies and styles. There are also researchers who have looked into reading comprehension performance. All these approaches have shown the importance of reading comprehension skills in language acquisition.

Chapter 1 of this study presents the background of the study, statement of the problem, purpose of the study, research objectives, research questions, and research hypotheses. Other than that, the chapter also presents significance of the study, limitations to the study and the definitions of terms. The chapter ends with a conclusion.

REFERENCES

- Abu-Ghararah, (1998). The Relationship Between Students' Reading Comprehension Achievement And Their Attitudes Towards Learning English And Their Abilities To Use Reading Strategies With Regard To Hemispheric Dominance, *Procedia Social and Behavioral Sciences* 3 (2010) 144–151.
- Azman, A., Rafizah, Mohamad Fadhili, Azaharee and Abdul Rashid (2016). Vocabulary Learning Strategies of Adult ESL Learners. *IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE)*, ISSN: 2278-1684, PP: 35-38.
- Bei Zhang (2014). A Study of the Vocabulary Learning Strategies used by Chinese Students, *School of teacher education English Journal*.
- Bozena, K.W. (2012). Understanding Reading Comprehension Performance in High School Students, *English Language Learners and Learning Disabilities Journal*, Paper 4104.
- Cook. (2008). Vocabulary Learning Strategies Among Malaysian TEVT Students In German-Malaysian Institute(GMI), Procedia-Social And Behavioral Sciences, vol.123, pp361-368.
- Creswell, J.W. (2008). Educational research: Planning, conducting, and evaluating quantitative and qualitative research. Upper Saddle River, NJ: Pearson/Merrill Education
- Curry (2004). Research-Based Strategies for Students with Learning Disabilities: Focus on Phonics and Fluency, Indiana University Purdue University Fort Wayne.
- D.Anjaneyulu (2014). The Type Of Vocabulary Learning Strategies Used By ESL Students In University Putra Malaysia, *English Language Teaching*, 4(2):84-90.
- Davies and Pearse (2002). L2 Vocabulary Learning Strategies, Second Language Teaching & Curriculum Center, University of Hawaii, Honolulu, USA.
- Dongbo Zhang and Xuexue Yang (2016). Chinese L2 Learners' Depth of Vocabulary Knowledge and Its Role in Reading Comprehension. *Wiley Online Library*. Vol.3, No.1, pp.1-10.
- Fan, Y.M. (2003). Frequency Of Use, Perceived Usefulness, And Actual Usefulness

- Of Second Language Vocabulary Strategies: A Study Of Hong Kong Learners. *The modern Language Journal*, 87(2), 222-241.
- Gu, Y., & Johnson, R. (1996). Vocabulary learning strategies and language learning outcomes. *Language Learning*, 46, 643–679. Gunning (1996). *Creating Reading Instruction for All Children*. Chapter 6, 192-236.
- Héctor, Richard, Verónica and Mario. (2016). Interactive highlighting for just-in-time formative assessment during whole-class instruction: effects on vocabulary learning and reading comprehension. *Taylor and Francis Online Journal Interactive Learning Environments*. Vol. 4, No. 2, pp. 123-140, Summer 2016.
- Ho Van Chung (2012). A Study On Reading Comprehension Strategies Instruction In Elementary School. (Doctoral dissertation), Retrieved from ProQuest Dissertations and Theses, UMI No. H287365
- Intaraprasert. (2004). The Vocabulary Learning Strategies of Foreign Language Students, Language Learning, vol.46 (1), pp.101-135.
- Irena, S. (2015).Reading Comprehension Problems Encountered by Foreign Language Students, Case Study: Albania, Croatia.PhD Thesis. European University of Tirana.
- Kaipour, R. and Naveh, M.H. (2011). A Critical Exploration of How English Language Learners Experience Nursing Education, Nursing Education Perspectives, Vol.34 No.2.
- Kate Tzu-Ching Chen Chaoyang (2017). An exploratory study of NNES graduate students' reading comprehension of English journal articles. *Facilitating Reading Comprehension Among Engineering Students: Acquiring Successful Strategies*, CSCanada, Vol.4, No.1, 2017, pp. 1-5.
- Kitao, Kathleen S. (1990). Textual Schemata and English Language Learning. Cross Currents, Issue 3, 147-155.
- Maryam Hadavi and Zahra Hashemi (2014). Comparative Analysis of Vocabulary Learning Strategies in Learning English as a Foreign Language among Freshmen and Senior Medical Sciences Students Across Different Fields of Study, *Malaysian Journal of ELT Research*, 10(2), 19-33.
- Miyake and Tremarco (2005). Research-based Design of a Medical Vocabulary Videogame, eContent Management Pty Ltd. International Journal of Pedagogies and Learning (2012) 7(2): 122–134.
- Nation, I.S.P. (2001). Learning Vocabulary in Another Language. Cambridge:

Cambridge

- University Press. Nehali, M. and Wahiba, B. (2015). Reading Comprehension Difficulties among EFL Learners: The Case of Third-Year Learners at Secondary School. *Journal of Continuing Education in Nursing* Vol 40, No 7.
- Olga Kulikova (2017). Vocabulary learning strategies and beliefs about vocabulary learning: a study of beginning university students of Russian in the United States. *International Journal of Teaching and Education*, Vol. III(3), pp. 21-34.
- Oxford, R. (1990). *Language Learning Strategies: What Every Teacher Should Know*, Boston Newbury House.
- Özlem and Yasemin (2013). The Academic and Vocational English Language Needs of the School of Health Students, Çukurova University Faculty of Education Journal Vol:42 Issue:1 Page:39-55.
- Rubin, J. (1987). Learner strategies: Theoretical assumptions, research history and typology. In A. Wenden& J. Rubin (Eds.), *Learner strategies in language learning* (pp. 15–30). Englewood, NJ: Prentice Hall.
- Rumelhart, D. & Norman, D. (1978). Accretion, tuning and restructuring: Three modes of learning. In. J.W. Cotton & R. Klatzky (eds.), *Semantic Factors in Cognition*. Hillsdale, NJ: Erlbaum
- Schmitt, N. (1997). Vocabulary Learning Strategies, and Vocabulary Acquisition (199-228), Cambridge: Cambridge university press.

 Sima, P. (2016). The relationship between academic vocabulary coverage and scores on a standardized English proficiency test. Journal of English for Academic Purposes Volume 21, March 2016, Pages 121-132
- Spencer, M. and Wagner, R. (2017). The comprehension problems for second-language learners with poor reading comprehension despite adequate decoding: A meta-analysis. *Nova Science Publishers*, ISSN: 2156-5716 Volume 1, Number 2.
- Winn, W., & Snyder, D. (1996). Cognitive Perspectives in Psychology. In D. H. Jonassen (Ed.), *Handbook of Research for Educational Communications and Technology* (pp. 112-142). New York: Macmillan. Retrieved April 2006.
- Yea-Ru Tsail and Yukon Chang (2013). A Critical Exploration of How English Language Learners Experience Nursing Education, *Nursing Education Perspectives*, March / April 2013, Vol.34 No.2.

COMPARISON BETWEEN METACOGNITIVE READING STRATEGIES USE AND READING COMPREHENSION ACHIEVEMENT AMONG FOUNDATION STUDIES LEARNERS AT A PRIVATE UNIVERSITY IN MALAYSIA

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ABDALLA FAISEL MOHAMED MILUD



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