A Study of Language Learning Strategies, Multiple Intelligences, and Learning Attitudes among Elementary School Students

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ABSTRACT

This study aimed at exploring elementary school students ' language learning strategy use and its relationships with multiple intelligences, learning attitudes and the length of language study. The researcher further investigated learning strategy use among students with different degrees of positive learning attitudes. Participants in this study were 223 students from central Taiwan. Over 80% of them had learned English for at least two years. Over two thirds of them had learning experience in English cram schools. The findings of the study suggest that first, female elementary students have significantly higher strategy use frequency than their male counterparts do in all six strategy categories. Second, the most frequently used type of learning strategies by males, females and all participants was metacognitive strategies. The least frequently used type of learning strategy by all participants was memory strategies. Third, use of language learning strategies was significantly related to multiple intelligences and learning attitudes, but not to the length of language study. It is noteworthy that strategy use has a stronger link with learner attitudes than with multiple intelligences. Finally, the findings also reveal that students with the highest level of positive learning attitude use affective strategies most frequently.

Keywords : language learning strategy use, multiple intelligences, learning attitudes

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REFERENCES

REFERENCES Akbari, R. & Hosseini, K. (2008). Multiple intelligences and language learning strategies: Investigating possible relations. System, 36, 141-155. Anderson, J.R. (1995). Learning and memory. Singapore, Republic of Singapore: Wiley. Bas, G. (2008). Integrating multiple intelligences in ESL/EFL classrooms. The Internet TESL Journal, 14(5) Baum, S., & Viens, J., & Slatin, B. (2005). Multiple intelligences in the elementary classroom: A teachers toolkit. Teachers College Press. Bremner, S. (1999). Language learning strategies and language proficiency: Investigating the relationship in Hong Kong. Canadian Modern Language Review, 55(4), 490-514. Campbell, B., Campbell, L., & Dickinson, D. (1999). Teaching and Learning through Multiple Intelligences, 2nd ed. Needham Heights, MA: Allyn & Bacon. Chang, C. Y. (2002). The relationships between multiple intelligences and learning strategies of primary students. Unpublished master 's thesis, National Hsinchu University of Education, Hsinchu, Taiwan. Chen, I. H. (2008). A study among sixth graders'' English learning strategy and English learning attitude in Kaohsiung City and Kaohsiung County. Unpublished master's thesis, National University of Tainan, Tainan, Taiwan. Chamot, A. U. (1987). The learning strategies of ESL students. In A. Wenden. & J. Rubin (Eds.), Learning strategy in language learning. Englewood Cliffs, NJ: Prentice Hall. Chamot, A. U. (2005). Language learning strategy instruction: current issues and research, Annual Review of Applied Linguistics, 25, 112-130. Chamot, A. U. & El-Dinary, P. B. (1999). Children 's learning strategies in language immersion classrooms. Modern Language Journal, 83(3), 319-338. Chang, C. Y., & Liu, S.C., & Lee, Y.N. (2007). A study of language learning strategies used by college EFL learners in Taiwan. 明 道通識論叢,2, 235-261, Chang, F.I. (2005). The Effects of English Teaching on Aboriginal Junior High School Students' Attitudes and Motivation in Taiwan. Unpublished master's thesis, National Chengchi University, Taipei, Taiwan. Chang, Y.J. (1997). Study of English Learning Motivation and Strategies in Relation to the English Learning Achievement of Junior High School Students in Taiwan. Unpublished master 's thesis, National Kaohsiung Normal University, Kaohsiung, Taiwan. Chen, C.Y. (2005). A Study of English Learning Attitudes of Elementary School Students in Taichung City. Unpublished master 's thesis, National Taichung University of Education, Taichung, Taiwan. Chien, H.L. (2004). The Relationships among English Learning Strategies, Learning Motivation and Learning Achievement — The Elementary Schools in Suburb Area of Changhua County. Unpublished master 's thesis, Da-Yeh University, Changhua, Taiwan. Cohen, A. D. (2003). The learner 's side of foreign language learning: Where do styles, strategies, and tasks meet? International Review of Applied Linguistics in Language Teaching, 41(4), 279-291. Ehrman, M.E., & Oxford, R.L. (1988). Effects of sex difference, career choice, and psychological type on adult language learning strategies. The Modern Language Journal, 72, 253-265. Ehrman, M.E., & Oxford, R.L. (1989). Effects of sex differences, career choice, and psychological type on adult language leaning strategies. Modern Language Journal, 73, 1-13. Ehrman, M.E., & Oxford, R.L. (1990). Adult language learning styles and strategies in an intensive training setting. The Modern Language Journal, 74, 311-327. Ehrman, M.E., & Oxford, R.L. (1995). Cognition plus: Correlates of language learning success. The Modern Language Journal, 79, 67-89. Eiser, J. R. (1994). Attitudes, chaos and the connectionist mind. Oxford: Blackwell. Freeman, D. L., & Long, M. H. (1991). An introduction to second language acquisition research. New York, NY: Longman Inc. Gagne, R. M. (1985). The conditions of learning. New York : Holt, Rinehart & Winston. Gardner, H. (1983). Frames of mind: The theory of multiple intelligences. New York: Basic Books. Gardner, H. (1993). Multiple intelligence: The theory in practice. New York: Basic Books. Gardner, H. (1995). Reflections on Multiple Intelligences: Myths and Messages. Phi Delta Kappan, 77(3), 198-209. Gardner, H. (1999). Intelligence reframed: Multiple intelligences for the 21st century. New York: Basic Books. Gardner, R. C. (1985). Social psychology and second language learning: The role of attitudes and motivation. London: Edward Arnold Publishers. Gardner, R. C. (2000). Correlation, causation, motivation, and second language acquisition. Canadian Psychology, 41, 10-24. Gardner, R. C., & Lambert, W. E. (1972). Attitudes and motivation in second language learning, Language Learning, 23, 145-149. Gardner, R. C., & MacIntyre, P.D. (1991). An instrumental motivation in language

study: Who said it isn ' t effective? Studies in Second Language Acquisition, 13(1), 39-53. Green, J., & Oxford, R. (1995). A closer look at learning strategies, L2 proficiency, and gender. TESOL Quarterly, 29, 261-297. Griffiths, C. (2003). Patterns of language learning strategy use. System, 31(3), 367-383. Hsiao, T.Y. & Oxford, R. L. (2002). Comparing theories of language learning strategies: A confirmatory factor analysis. The Modern Language Journal, 86(3), 368-383. Hsieh, C. C. (2001). The Relationships between Multiple Intelligences, Thinking Styles, and Critical-Thinking Abilities of the Fifth-and Sixth Grade Students. Unpublished master 's thesis, National Sun Yat-Sen University, Kaohsiung, Taiwan, Hong-Nam, K. & Leavell, A. G. (2006). Language learning strategy use of ESL students in an intensive English learning context. System, 34(3), 399-415. Hsu, M.S. (2009). A Study of university students ' learning attitude and learning satisfaction in English. Unpublished master ' s thesis, University of Kang Ning, Tainan, Taiwan. Hsu, S, C. (2007). English learning strategy use by elementary school students. Journal of Nanya Institute of Technology, 27, 129-141. Jessup, M. H., & Kiley, M. A. (1971). Discipline: Positive attitudes for learning. Eglewood Cliffs: Prentice-Hall, Inc. Kao, Y.H. (2010). A Study of EFL College Students ' Multiple Intelligences and English Reading Proficiency. Unpublished master's thesis, Chung Yuan Christian University, Taoyuan, Taiwan. Khalil, A. (2005). Assessment of language learning strategies used by Palestinian EFL learners. Foreign Language Annals, 38, 108-119. Lai, Y.C. (2009). Language learning strategy use and English proficiency of university freshmen in Taiwan, TESOL Quarterly, 43(2), 255-280. Liao, Y.F. (2000). A Study of Taiwanese Junior High School Students'' EFL Learning Motivation and Learning Strategies. Unpublished master's thesis, National Changhua University of Education, Changhua, Taiwan. Lin, C.M., & Hsu, L.I., & Wu, C.Y. (2008). Multiple intelligences and English learning strategies. Proceedings of Taiwan TESOL Conference, 140-151. Lin, W.Y. (2009). A study on English learning anxiety, motivation, and learning strategies of the beginning learners in junior high schools. Unpublished master's thesis, National Chengchi University, Taipei, Taiwan. Littlewood, W. (2001). Students' attitudes to classroom English learning: A cross-cultural study. Language Teaching Research, 5(1), 3-28. Lan, R. L. (2005). Language learning strategy profiles of EFL elementary school students in Taiwan. Unpublished doctoral dissertation, University of Maryland. Lan, R., & Oxford, R. L. (2003). Language learning strategy profiles of elementary school students in Taiwan. IRAL, 41, 339-379. Li, C.L. (2005). The study of elementary school children's English learning motivation, learning strategy and learning achievement: An analytical case of pingtung county. Unpublished doctoral dissertation, National Pingtung University of Education, Pingtung, Taiwan. Li, C, L., & Chen, S, H & Cheng, Y, T. (2006). A study on the relations between English learning strategies and English learning achievement of elementary school students, Journal of Mei Ho Institute of Technology, 25(2), 95-113 MacIntyre, P. D. (1994). Toward a social psychological model of strategy use. Foreign Language Annals, 27(2), 185-195. Magogwe, J.M. & Oliver, R. (2007). The relationship between language learning strategies, proficiency, age and self-efficacy beliefs: A study of language learners in Botswana. System, 35, 338-352. Nolen, J.L. (2003). Multiple Intelligences in the Classroom, Education, 124, 115-119. O ' Malley, J. M., & Chamot, A. U. (1990). Learning strategies in second language acquisition. Cambridge: Cambridge University Press. O'Malley, J. M., Chamot, A. U., Stewner-Manzanares, G., Russo, R. P., & Kupper, L. (1985). Learning strategy applications with students of English as a second language. TESOL Quarterly, 19(3), 557-584. O' Malley, J. M., Chamot, A.U., Stewner-Manzanares, G., Russo, L. and Russo, R. (1985). Learning strategies used by beginning and intermediate ESL students. Language Learning, 35, 21-46. Oxford, R. L. (1990). Language learning strategies: What every teacher should know. New York: Newbury House. Oxford, R. L. (1993). Instructional implications of gender differences in second/foreign language learning styles and strategies. Applied Language Learning, 4(1), 65-94. Oxford, R.L., & Anderson, N.J. (1995). A cross-cultural view of learning styles. Language Teaching, 28, 201-215. Oxford, R. L. & Ehrman, M. E. (1995). Adult 's language learning strategies in an intensive foreign language program in the United States. System, 23(3), 359-386. Oxford, R. L. & Nyikos, M. (1989). Variables affecting choice of language learning strategies by university students. The Modern Language Journal, 73, 291-300. Park, Y. (1999). An analysis of interrelationship among language learning strategies. Learning styles and learner variables on university students. English Teaching, 54(4), 281-308. Peacock, M & Ho, B. (2003). Students language learning strategies across eight disciplines. International Journal of Applied Linguistics, 13(2), 179-200. Reeve, J. (1997). Understanding motivation and emotion. Orlando: Harcourt Brace & Company. Reid, J.M. (1987). The learning style preferences of ESL students. TESOL Quarterly, 21(1), 87-111. Reid, J. M. (1996). A learning styles unit for the intermediate ESL/EFL writing classroom. TESOL Journal, 6(1), 42-47. Reiss, Mary-Ann. (1983). Helping the Unsuccessful Language Learner. Canadian Modern Language Review, 39(2), 257-266. Richard-Amato, P. A. (1996). Making it happen (2nd). NY: Longman. Rubin, J. (1975). What the "good language learner" can teach us. TESOL Quarterly, 9(1), 41-51. Rubin, J., & Thompson, I. (1994). How to be a more successful language leaner: Toward learner autonomy. Boston: Heinle and Heinle Publishers. Simpson, J. M. (2000). Practicing multiple intelligences in an EFL Class. TESOL Journal,9(1),30-37. Su, M, H. (2003). An investigation of Taiwanese grade 5-6 students' EFL language learning strategies and language learning experience. The Journal of Educational Science, 3(1), 138-177. Su, M.L. (2003). Comparison of English learning Attitudes, Motivation and Strategies Between Vocation-oriented students and College-oriented Students. Unpublished master's thesis, National Kaohsiung Normal University, Kaohsiung, Taiwan. Tai, C.Y. (2001). Application of a multiple intelligences model in English instruction in junior high school: implication of an alternative English instruction model in the nine-year education program. Unpublished master 's thesis, National Kaohsiung Normal University, Kaohsiung, Taiwan. Teele, S. (1994). The relationship of multiple intelligences to the instructional process. Unpublished doctoral dissertation, University of California, Riverside. Ting, Y.C. (2010). Elementary School Students' English Learning Motivation, Learning Strategy Use and Their Relationships with English Learning Achievements -A Case Study of Sixth Graders in Nantou County. Unpublished master's thesis, Southern Taiwan University, Tainan, Taiwan. Wenden, A. (1991). Learner strategies for learner autonomy: planning and implementing learner training for language learners. NJ: Prentice Hall. Wharton, G. (2000). Language learning strategy use of bilingual foreign

language learners in Singapore. Language Learning, 50(2), 203-243. Yabukoshi, T & Takeuchi, O. (2009). Language learning strategies used by lower secondary school learners in a Japanese EFL context. International Journal of Applied Linguistics, 19(2), 136-172. Yang, N, D. (1996). Language learning strategies around the world: Cross-cultural perspectives. Honolulu, HI. Yang, N. D. (1999). The relationship between EFL learners' beliefs and learning strategy use. System, 27, 515-535.