

# 0 The Analysis of the Influence of Extensive Reading on Learners' Reading Motivation and Reading Performance

黃敏鳴、劉慧如

E-mail: 9707070@mail.dyu.edu.tw

## ABSTRACT

ABSTRACT The study aims to examine whether the practice of extensive reading can help college students improve their reading performance and motivation to read. Subjects were freshman students majoring in English at Da-Yeh University. Students in the experimental group were required to read 4 extensive readers and allowed to select their preferred reading materials from the Penguin Readers Series. To keep track of these participants' reading process, students were requested to write books reports and give a presentation of their reflection on one of the books they read. A questionnaire was developed to measure students' reading habit and motivation to read. The intermediate level GEPT reading test was used to measure students' reading performance. To better understand the effect of extensive reading, interviews with the participants in the experimental group were also conducted. Analysis of students' responses to the questionnaire showed that extensive reading gained the popularity of the subjects in the experimental group. They not only developed a more positive attitude toward the practice of freely selecting their own reading materials and but also improved their reading speed after the implementation of the program. No significant difference was found for the effect of extensive reading on students' overall GEPT reading scores. However, after dividing students' reading performance into three categories, vocabulary, cloze, and comprehension, further analysis of their reading scores showed some noteworthy results. First, both the experimental group and control group made a significant improvement in their vocabulary. This implies that extensive reading does help students gain more vocabulary; nevertheless, it may not be the only factor that contributes to the gaining of students' vocabulary. Second, extensive reading fails to produce a significant difference between the pre- and posttest reading comprehension scores for the experimental group in the study. On the other hand, a significant difference was found for the control group. Unexpectedly, students' posttest comprehension scores were found to be significantly lower than their pretest scores. The result may suggest that extensive reading could have at least exerted its influence on maintaining participants' reading comprehension ability. One of the reasons that extensive reading fails to improve students' reading performance may be due to limited time for the implementation of the program. During the interviews with the subjects in the experimental group, students demonstrated high expectation and eagerness to express their opinions. This indicated that their motivation and spontaneity in reading have been fairly enhanced. The most salient finding of the present study was that most participants felt that extensive reading was interesting and helpful.

Keywords : extensive reading ; motivation

## Table of Contents

Table of Contents	COVER PAGE	SIGNATURE PAGE	AUTHORIZATION PAGE	iii	CHINESE ABSTRACT	iv	ABSTRACT	v	ACKNOWLEDGEMENTS	vii	TABLE OF CONTENTS	viii	LIST OF FIGURE	xi	LIST OF TABLE	xii	Chapter I.																																																																																										
Introduction	1.1	Background and Motivation	1	1.2	The purpose of the study	4	1.3	Research Questions	6	1.4	The significance of the study	6	Chapter II. Literature Review		2.1	Top-down and bottom-up reading process	9	2.2	The Schema Model of Reading	11	2.2.1	What is the nature of schema	12	2.2.2	Studies related to schema in reading	12	2.2.3	Schemata and their role in reading	14	2.3	Extensive Reading	16	2.4	Reading and motivation	18	2.5	Reading difficulties	23	2.6	EFL studies in Extensive Reading	26	Chapter III. Methodology		3.1	Participants	28	3.2	The Extensive Reading programs	30	3.3	Selection of Reading Materials	31	3.4	Procedure	33	3.4.1	The activities	33	3.4.2	The reading instruction	37	3.5	Instruments	37	3.5.1	The design of the questionnaire	37	3.5.2	Intermediate GEPT reading test	40	3.5.3	Data analysis	41	3.6	Pilot study	42	3.6.1	Before the implementation of the reading program	42	3.6.2	The implementation of the reading program	42	3.6.3	After the implementation of the reading program	43	3.6.4	The analysis and suggestions of the pilot study	44	Chapter IV. Result and Discussion		4.1	The comparison of participants' reading performance	45	4.2	Participants' interest, habit and motivation change	49	Chapter V. CONCLUSION		5.1	Summary of the research finding	56	5.2	Pedagogical Implications	57	5.3	Limitations of the Study	59

## REFERENCES

- References English 1. Ames, C., & Archer, J. (1988). Achievement goals in the classroom: Students' learning strategies and motivation processes. *Journal of Educational Psychology*, 80(3), 260-267. 2. Ames, C. (1992). Classrooms: Goals, structures, and student motivation. *Journal of Educational Psychology*, 84(3), 261-271. 3. Anthony J. Applegate & Mary Dekonty Applegate, (2004). The Peter Effect: Reading habits and attitudes of pre-service teachers. *International Reading association*. 554-563. 4. Anderson, J. R., & Reder, L. M. (1979). An elaborative processing explanation of depth of processing. In L. S. Cermak & F. I. M. Craik (Eds.), *Levels of processing in human memory*. Hillsdale, N.J.: Erlbaum. 5. Aranha, M. (1985) "Sustained silent reading goes East." *Reading Teacher*, 39(2), 14-217. 6. Atwell, N. (1987). *In the Middle*. Portsmouth: Boynton/Cook. 7. Ausubel, D. P. (1960). The use of advance organizers in the learning and retention of meaningful verbal material. *Journal of Educational Psychology*, 51, 266-274. Ausubel, D. P. (1963). *The Psychology of meaningful verbal Learning*. New York: Gruen and Stratton. Ausubel(1968). *Educational Psychology: A cognitive view*. New York: Hold, Rinehart and Winston. 8. B. F. Skinner, (1953). *Science and human behavior*. NewYork: Macmillan 9. Brown, H. Douglas. (1990). M & Ms for language classroom? Another look at motivation. In Alatis. 10. Chen, J. C.(1999) An investigation of Chinese EFL students ' perceptions on modern English reading instruction. *Journal of Fortune Institution of Technology and Commerce*, 6, 85-99 11. Cheung, H. (2003) retrieved December 2, 2006 from [http://adm.ncyn.edu.tw/~lgc/photo\\_shop/new2003.0705.htm](http://adm.ncyn.edu.tw/~lgc/photo_shop/new2003.0705.htm) 12. Carrell, P.L., & Carson, J. G. 1997. Extensive and intensive reading in a EAP setting. *English for specific purposes*, 16, 47-60. 13. Carrell, P. L., L. Gajdusek & T. Wise. 1998. Metacognition and EFL/ESL reading [ J ]. *Instructional Science*, 26, 97-112. 14. Charles, W. P., (1977) *Reading problems : a multidisciplinary perspective*. Wayne Otto, Nathaniel A. Peters, Reading, Mass. : Addison-Wesley. 15. Chen, H.C. (2003). *Teaching reading in senior high school: small group design*. Unpublished master ' s thesis, National Chengchi; University, Taipei 16. Chen, S.C. (1998). *The effect of the pre-reading viewing of Content-related Pictures on College Freshmen ' s Reading Comprehension*. 17. Coady, J. (1993). Research on ESL/EFL vocabulary acquisition: Putting it in context. In T. Huckin, M. Haynes & J. Coady (Eds.), *Second language reading and vocabulary learning* (pp. 217-228). Norwood, NJ: Albex. 18. Davies, F, (1995). *Introduce reading*, 61. Harmondsworth : Penguin English.. 19. Day, R., & Bamford, J.(1998). *Extensive reading in the second language classroom*. Cambridge: Canbridge University Press. 20. Day, R., & Bamford, J. (2002). Top ten principles for teaching extensive reading. *Reading in a foreign Language*, 14. Retrieved December 10, 2006, from <http://www.nflrc.Hawaii.edu/rfl/april2002/day/day.html> 21. Deci, E.L. (1975). *Intrinsic motivation*. New York: Plenum Publishing Co. Japanese Edition, Tokyo: Seishin Shobo, 1980. 22. Dechant, E and Smith, H.(1977). *Psychology in teaching reading*. (2nd. Ed.) Englewood Cliffs, NJ: Prentice-Hall, Inc. 23. Dornyei, Z., & Csizer, K. (1998). Ten commandments for motivating language learners: Results of an empirical stuffy. *Language teaching Research* 2: 203-229. 24. Donovan, C. A., Smolkin, L. B., Lomax, R. G.(2000) beyond the independent level texts: Considering the reader-text match in first graders ' self-seletions during recreational reading. *Reading Psychology*, 21, 309-333. 25. Dupuis, M. M., Joyce, J. M., Badiali, B. J., & Askov, E. N.(1989) *Teaching Reading and Writing in the Content Area*. Glenview, IL:Scott, Foresman 26. Dupuy, B., Tse L., & Cook, T. (1996). Bringing books into the classroom: First steps in turning college-level ESL students into readers. *TESOL Journal*, 5(4), 10-15 27. Dweck, C.S., & Leggett, E.L. (1988). A social-cognitive approach to motivation and personality, *Psychological Review*, 95, 256-273. 28. Elley, W. B. & Mangubhai, F. (1983) "The Impact of Reading on Second Language Learning." *Reading Research Quarterly*, 19, 53-67. 29. Elley, W. B.(1996). Using book floods to raise literacy levels in developing countries. In V. Greaney(ED), *Promoting reading in developing countries*. 148-162. Newark: International Reading Association. 30. Emerald, D. (1991) *understanding and teaching reading*. 28 Hillsdale, N.J. :L. Erlbaum Associates,1991. 31. Eskey, D.(1995). Remarks made at colloquium on Research in Reading in a Second Language. TESOL ' 95. Long Beach, California. 32. Gallik, J. D. (1999). Do they read for pleasure? Recreational reading habits of college students. *Journal of adolescent & Adult Literacy*, 42, 480-488. 33. Garner, R., Gillingham, M. G., & White, C. S. (1989). Effects of " seductive detail " on macroprocessing and microprocessing in adults and children. *Cognition and instruction*, 6, 4-57. 34. Gough, P. B. (1972). One second of reading. In H. Singer, & R. B. Ruddell (EDs.), *Theoretical Models and Processes of Reading*, 3rd edition. 661-686. Newark, Delaware: International Reading Association. 35. Gove, M. K. (1983). Clarifying teacher ' s belies about reading. *The Reading Teacher*, 37, 261- 266. 36. Goodman, K. S. (1967). Reading: A psycholinguistic guessing game. *Journal of the Reading Specialist*, 6, 126-135. 37. Goodman, K. S. (1969). Analysis of oral reading miscues: Applied psycholinguistics. *Reading research quarterly*, 5, 9-33. 38. Goodman, K. S. (1976). Reading: A psycholinguistics guessing game. In H. Singer and R. Ruddell (ED.), *Theoretical models and processes of reading* (2ndEd.) 497-508. Newark, DE: International Reading Association. 39. Gove, M. K. (1983). Clarifying teacher's beliefs about reading. *The reading teacher*. 40. Grabe, W. (1991). Current developments in second language reading research. *TESOL Quarterly*, 25(3), 375-406. [6, 118] 41. Hayes, D. & Tierney, R. T. (1983). Developing readers ' knowledge through analogy. *Reading Research Quarterly*, 17, 256-280. 42. Herbert, S. (1987). SSR-What do students think? *Journal of Reading*, 30, 651. 43. Hess, N., & Jasper, S. P. (1995). A blending of media for extensive reading. *TESOL Journal*, 4, 7-11. 44. Hidi, S. (1990). Interest and its contribution as a mental resource for learning. *Review of Educational Research*, 60, 549-571. 45. Hidi, S., Baird, W., & Hildyard, A. (1982). That ' s important, but is it interesting? Two factors in text processing. In A. Flammer & W. Kintsch (Eds.), *Discourse processing* (pp. 63-75). Amsterdam: North-Holland. 46. Hsu, Jeng-yih. (May 29, 2004). Reading without teachers: Literature circles in an EFL classroom. *The Proceedings of 2004 Cross-Strait Conference on English Education* (pp. 401-421), National Chiayi University, Chiayi, Taiwan. 47. Hung, Y. J. (2003). *Taiwaness EFL college students ' experience of practicing pleasure reading: Preference, barrier, and attitude*. Unpublished master thesis, National Kaohsiung First University of Science and Technology, Kaohsiung, Taiwan, Republic of China. 48. Hunt, J., & Lyman.(1996) The effect of self-selection, interest, and motivation upon independent, instructional, and frustration levels. *Reading Teacher*, 50, 278-282. 49. Huang, C.C. (2000). A threshold for vocabulary knowledge on reading comprehension.

Proceedings of the Seventeenth Conference on English Teaching and Learning in the Republic of China (pp.132-144). Taipei: Crane Publishing Co. 50. Ivey, G., & Broadus, K. (2001). "Just plain reading": A survey of what makes students want to read in middle school classrooms. *Reading Research Quarterly*, 36,(4), 350-377. 51. Johnson, H., & Smith, L. (1981). Children's inferential abilities in the context of reading to understand. *Children Development*, 52, 1216-1223. 52. Kohn, A. (1993). Punished by Rewards: the Trouble with Gold Stars, Incentive Plans, Awards, Praise, Other Bribes. Boston: Houghton Mifflin. 53. Krashen, S. (1985). *The Input Hypothesis*. London: Longman. 54. Krashen, S. (1993). The power of reading: Insights from the reach. Englewood Kuo, Y. H., & Yang, C. Y. (April, 2002) "Extensive reading of simplified readers" versus "vocabulary memorization" in EFL learning: Which is more effective and pleasurable? Paper presented at 17th National Vocational Education Conference. 55. Lai, E. F. K. (1993). The effect of a summer reading course on reading and writing skills. *System*, 21, 87-100. 56. Laufer, B. (1997a). The lexical plight in second language reading: Words you don't know, words you think you know, and words you can't guess. In J. Coady & T. Hucukin (Eds.), *Second language vocabulary acquisition: A rationale for pedagogy* (pp.20-34). New York: Cambridge University Press 57. Langford & Allen 1983 *The Effects of U.S.S.R. on Students' Attitudes and Achievement Reading Horizons*, v23 n3 p194-200 Spr 1983 58. Lange, K. (1902). *Appreciation: A monograph on psychology and pedagogy*, Boston, D. C. Heath. 59. Larrick, N (1987). Illiteracy starts too soon. *Phi Delta Kappan*. 69. 184-189 60. Lee, S. Y. (1998). Effects of introducing free reading and language Acquisition Theory on students' attitudes towards the English class. *Studies in English Language and Literature*, 4, 21-28 61. Lepper, M.R., & Greene, D. (1975). Turning play into work: Effects of adult surveillance and extrinsic rewards on children's intrinsic motivation. *Journal of Personality and Social Psychology*, 31, 479-486. 62. Loveland, K.K & Olley, J.G.(1979). The effect of external reward on interest & quality of task performance in the children of high school & low intrinsic motivation. *Children Development*, 50, 1207-1210. 63. McNeil, L.M. (1988). Contradictions of control, part 2: Teachers, students, and curriculum. *Phi Delta Kappan*, 69(6), 432-438. 64. Mikulecky, B. (1990). *A short course in teaching reading skills*. Reading, MA: Addison-Wesley. 65. Mason L., Boscolo P. (2000). Writing and conceptual change. What changes? *Instructional Science*, 28, 199-26 66. Mason, B., & Krashen, S. (1997). Can extensive reading help unmotivated students of EFL improve? *I.T.L. Review of Applied Linguistics*, 117-118, 79-84. 67. National Center for Education for Education Statistics (2007). Retrieved November 10, 2007 from <http://nces.ed.gov/programs/digest/d07/> 68. Nagy, N. M., Campenni, C. E., & Shaw, J. N. (2000). A survey of sustained silent reading practices in seventh-grade classrooms. (ERIC Document Reproduction Service No. ED 443097) 69. N Galen, J Prendergast - *Reading Horizons*, 1979 - [eric.ed.gov](http://eric.ed.gov) *Reading Horizons*, v19 n4 p280-83 70. Nicholls, J.G., Cheung, P., Lauer, J., & Patashnick, M. (1989). Individual differences in academic motivation: Perceived ability, goals, beliefs, and values. *Learning and Individual Differences*, 1, 63-84. 71. Oldfather, P. (1993). Students' perspective on motivating experience in literacy learning. ERIC Document Reproduction Service No. ED. 358, 423. 72. Palmer, H. E. (1917). *The scientific study and teaching of languages*. London: Harrap. Reissued in 1968 by Oxford University Press. 73. Poplin, M. S. (1988). The reductionist fallacy in learning disabilities: Replicating the past by reducing the present. *Journal of Learning Disabilities*, 21, 389-400. 74. Pritchard, R. M. (1971). Stabilized images on the retina. In R. C. Atkinson(Ed.), *Contemporary Psychology*, 117-123. San Francisco: W. H. Freeman and Company. 75. Prowse P. (2002). Top ten principles for teaching extensive reading. *Reading in a Foreign Language. A response*. Retrieved December 10, 2006, from <http://www.nflrc.hawaii.edu/rfl/October2002/discussion/robb.html> 76. Redding, D. W. (1993). Computer Assisted Book Selection in the Reading. Workshop. ERIC ED, 358 417. 77. Renninger, K.A., Ewen, E., & Lasher, A.K. (2002). Individual interest as context in expository text and mathematical word problem. *Learning and Instruction*, 12, 467-491 78. Rumelhart, D. and Ortony (1977). The representation of knowledge in memory. In R.C. Anderson, R. J. Sprio, & W. E. Montague (Eds.), *Schooling and the acquisition of Knowledge*. 99-135. Hillsdale, NJ: Lawrence Erlbaum Associate. 79. Rumelhart, D. E. (1980). Schemata: "the building block of cognition" in theoretical issues in reading comprehension R.J.S Piro, B.C Bruce and (Eds), 33-58, NJ: Lawrence Erlbaum Asspcites. 80. Rayner, K., & Pollatsek, A. (1989). *The psychology of reading*. Englewood Cliffs, NJ: Prentice-Hall. 's. 81. Ramo, F., & Krashen, S. (1998). The impact of the trip to the public library: Marking books available may be the best incentive for reading. *The reading Teaching*, 51, 614-615. 82. Ruiz-Funes, 2001 Task representation in foreign language reading to write. *Foreign Language Annals*, 34(6), 226-234. 83. Schraw, G & Dennison, R.S. (1994). The effect of reader purpose on interest and recall, *Journal of reading Behavior*, 26, 1-18. 84. Stanovich, K. E. (1980). Toward an interactive compensatory model of individual differences in the development of reading fluency. *Reading research quarterly*, 15, 32-71. 85. Sadoski, M. C.(1980). Ten years of Uninterrupted Sustained Silent Reading. *Reading Improvement*, 17. 153-156. 86. Solomon, S. (1967), *Teacher's manual for Literature To Remember*, 1 87. Su, Q. (1999). Effect of free voluntary reading program on English reading performance. *Wen Tzao Journal*, 13, 81-97. 88. Schiefele, U. (1991). Internet, learning, and motivation. *Educational Psychologist*, 26, 299-323. 89. Susser, B., & Robb, T. (1990). EFL extensive reading instruction: Research and procedure. *JALT Journal*, 12. Retrieved March10,2006, from <http://www.kyotosu.ac.jp/~trobb/susserrobb.html> 90. Susser, S, 1990. Interest and its contribution as a mental resource for learning. *Review of educational Research*. 60, 549-572. 91. Tireney, R. J., & Readence, J. E. (2000). *Reading strategies and practices: A compendium*. Boston: Allyn and Bacon 98-109, 358-362. 92. Tsang, W-K. (1996). Comparing the effects of reading and writing on writing performance. *Applied Linguistics*, 17, 210-233. 93. Tai, C.F. (1995). A study of the extracurricular English reading habits and attitudes of students at one vocational high school and the National Taiwan Junior college of physical Education. *Journal of national Taiwan college of physical Education*, 6, 111-156. 94. Tsai, W.(1997). A critical analysis of voluntary reading in English among Taiwanese university students. Unpublished doctoral dissertation, University of Leicester, Midland, UK. 95. Taylor, B., Larry A., Harris; P., David P., Georgia, G., (1995). *Reading difficulties instruction and assessment*, p.18. Reading, Mass. Addison-Wesley. 96. Tudor, I., & Hafiz, F. (1989) *Extensive reading as a means of input to L2 Learning*. *Journal of Research in Reading*, 12(2); 164-178 97. Vacca, J. A. L., Vacca, R. T., & Gove,

M. K.(1991). Reading and Learning to read. 300-310. New York: HarperCollins. 98. Wade, S., Buxton, W.M., & Kelly, M. (1999). Using think-alouds to examine reader-text interest. *Reading Research Quarterly*, 34(2), 194-216. 99. Walker, C. (1997). A self access extensive reading project using graded readers *Reading in a Foreign Language*, 11(1), 121-149. 100. West, M. (1955). *Learning to read a foreign language* (2nd ed.). London: Longmans, Green. 101. Wentzel, K. R. (1993). Social and academic goals at school: Motivation and achievement in early adolescence. *Journal of Early Adolescence*, 13, 4-20. 102. Yang, A. (2001). Reading and the non-academic learner, a mystery solved. *System*, 29, 451-466. 103. Yang, Y. (1995). Reading Strategies Used by Learners of English for Technology and Science when Reading Chinese and English Texts. NSC 83-0301-H-224-011, NSC 84-0301-H-224-012. 104. Yekovich, F.R., Walker, C. H., Ogle, L. T., & Thompson, M. A. (1990). The influence of domain knowledge on inferencing in low-aptitude individuals. In A. C. Graesser & G. H. Bower (Eds.), *The psychology of learning and motivation* 25, 175-196. New York: Academic Press. Chinese 105. 洪銓修 (民86) 從技術學院英文教師的觀點探討技職體系 英語教學。行政院國家科學委員會專題研究計畫成果報告。計畫編號: NSC86-2411-H-224-004 (主持人) 106. 洪銓修 (民85) 專科學校應用外語系英文教師對英語文教育之觀點研究。行政院國家科學委員會專題研究計畫成果報告。計畫編號: NSC85-2418-H-224-006 (主持人)