Construction of Reading Strategy Guidance on E-Book Readers for Improving English Reading Comprehension

謝宗翰
國立中山大學資訊管理學系
metropolis@elrc.mis.nsysu.edu.tw

魏春旺
遠東科技大學資訊管理系
cwwey@cc.feu.edu.tw

陳年興
國立中山大學資訊管理學系
nschen@mis.nsysu.edu.tw

Abstract: The portability of e-book readers allows learners to read anytime and anywhere they like to read. Because of these features, an e-book reader can be an ideal reading environment for supporting learners’ reading activities. However, there is still a lack of proper instructional designs for making an e-book reader such a reading environment. In this study, we integrated the reading strategy of SQ3R into the reading environment of e-book readers to support learners’ reading processes. We proposed a SQ3R guiding mechanism to support every stage of SQ3R and embedded it into the reading environment of e-book readers. A quasi-experiment and survey were conducted to evaluate the effect of the SQ3R guiding mechanism. The results showed that, given no guidance, there was no significant difference in learners’ reading comprehension scores whether they read with SQ3R or not. However, if the SQ3R reading strategy was implemented together with the guiding mechanism, this combination of guidance and strategy positively and significantly contributed to learners’ reading comprehension.

Keywords: reading comprehension, e-book readers, SQ3R reading strategy, guidance mechanism, strategy implementation