

Teaching Reading Comprehension by Using Computer-Based Reading: An Experimental Study in Indonesian English Language Teaching

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Abstract

This study was conducted to know whether there is a difference in students' achievement in reading comprehension through the use of computer-based reading method at the eighth-grade students of Junior High School 13 Banjarmasin, Indonesia. The design used is a quasi-experimental with purposive sampling technique. Sixty students of Junior High School 13 Banjarmasin were used as the samples. 8-E was chosen as the experimental group and was taught by using computer-based reading in three meetings, while 8-F was chosen as the control group and was taught without using computer-based reading in three meetings. Three instruments were used to gather the data, they are documentation, observation, and tests. The results showed that both groups gained change in their achievements. From the calculation result, the experimental group got the average score of 53.33 in pre-test and 63.33 in post-test. The control group got average score 47 in pre-test and 49.5 in post-test. After conducting a t-test, it was revealed that the calculated t-value was greater than t-table ($3.597 > 2.00$) at the significance level 0.05. Thus, there are different achievement between the experimental group and the control group. Therefore, it can be concluded that the proper use of computer-based reading can upgrade students' reading comprehension ability. It is suggested to teachers to consider the use computer-based reading as the method of teaching reading comprehension.

Keywords: computer-based reading, ICT, Indonesian students, reading comprehension, teaching reading

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