

## ABSTRACT

### IMPROVING VOCABULARY MASTERY BY USING DIGITAL CROSSWORD PUZZLE IN SMP NEGERI 22 BANDAR LAMPUNG

By

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The aims of this study were (1) to see the significant improvement in students' vocabulary achievement after the implementation of digital crossword puzzles as media and (2) to see which type of vocabulary was mostly improved after the implementation of digital crossword puzzles as media. The design of this research is a quantitative study with a population of students from SMP Negeri 22 Bandar Lampung. The sample for this research is class 7.10, which consists of 29 people. The instrument used was a vocabulary test in the form of multiple choice, totaling 50 items. The mean of the pretest is 39.86, while the mean of the posttest is 81.72, meaning that there was an increase in students' scores. Then, it was also found that the N-gain number is 41.86. The results showed that the students' scores increased from the pretest after receiving the treatment using a digital crossword puzzle. Besides, if the t-value (17,438) is compared with the t-table (2,048), it can be concluded that there is a significant improvement in students' vocabulary achievement after implementing digital crossword puzzles in the learning process, and the implementation of digital crossword puzzles has had a positive effect on students' vocabulary mastery across all aspects of vocabulary types, especially nouns. In conclusion, student scores increased after the researcher implemented digital crossword puzzles in vocabulary learning. This means that students can improve their vocabulary by using digital crosswords. The future researchers, who will research the same topic, will not provide the same vocabulary material in the treatment process as the vocabulary material tested during the pre-test and post-test so that the research results can be more accurate and effective.

*Keywords: vocabulary mastery, teaching vocabulary, digital crossword puzzle, media learning*