

TRANSFORMING EDUCATION: INTEGRATION OF L.U.C.I.A. CHATGPT MATERIAL ON THE WRITING LESSON OF GRADE 6 STUDENTS

ABSTRACT

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The integration of ChatGPT, a generative AI technology, into modern education systems is gaining traction due to its ability to facilitate human-like interactions and assist with various tasks such as answering queries, composing emails, and writing code. In the Philippines, this growing interest has prompted the government to closely examine AI and chatbot technologies, including ChatGPT, to monitor and manage potential system risks. This study integrated ChatGPT into the writing curriculum of Grade 6 students. It employed a quantitative research method using a true-experimental design and purposive sampling techniques. The research involved administering a 50-item assessment that evaluated specific writing aspects, namely clarity, grammar, sentence construction, and vocabulary. The participants included 62 Grade 6 students divided into two sections: the Conventional Group and the Experimental Group. Data were collected through pre-tests, post-tests, and survey questionnaires and were analyzed using statistical methods such as frequency and percentage, ranking, Z-test, and weighted mean. The pre-test results showed that the Conventional Group obtained a mean score of 4.99 (SD = 1.93), while the Experimental Group recorded a mean score of 4.64 (SD = 2.07), both reflecting below-average proficiency levels. Post-test results revealed a slight improvement in the Conventional Group, with a mean score of 5.48 (SD = 2.02). In contrast, the Experimental Group demonstrated a more notable improvement, achieving a mean score of 6.49 (SD = 2.53). The findings indicated that Grade 6 students initially exhibited low proficiency in vocabulary and sentence construction. However, after exposure to L.U.C.I.A. ChatGPT materials, the Experimental Group showed significant improvement in these areas, as well as in clarity and grammar. This result aligns with Patton M.'s (2023) Theory of Change—Transformation, which emphasizes the value of innovative educational approaches. Overall, the study highlights the educational potential of AI tools such as ChatGPT in transforming instructional practices, leading to improvements in student learning and educational outcomes.

RECOMMENDED CITATION

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