Review of: "Augmented Reality (AR) Technology on Student Engagement: An Experimental Research Study"

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Potential competing interests: No potential competing interests to declare.

This is a great topic and interesting research. Please find some suggestions for improvements below:

Introduction:

This article explores the impact of augmented reality (AR) technology on high school education. It is commendable for its organizational structure and informative content, making complex concepts accessible to a broad audience. However, several areas for improvement have been identified across multiple aspects of the paper, ranging from grammar and coherence to methodological transparency and academic rigor. Please find some suggestions for improvements below:

Literature Review:

One glaring omission in the reviewed article is the absence of a comprehensive literature review. A robust review of recent studies would help identify gaps in existing research and establish a solid foundation for the study. This review should critically analyze previous findings and highlight the research gap that the current study aims to address. Furthermore, integrating findings from previous studies into the discussion section would enrich the paper's scholarly discourse.

Methodology:

While the study demonstrates dedication to experimental research, certain aspects of the methodology require clarification and refinement. The use of two separate questionnaires for surveys and interviews enhances clarity but risks repetition. Combining them into a single questionnaire could streamline the content and improve readability. Moreover, specifying the source of the standardized questionnaire would enhance transparency and provide readers with valuable context. Additionally, the methodology of AR technology usage needs clearer elucidation, including details on its integration into the curriculum and any challenges encountered.

Results and Discussion:

The study's findings are presented in a basic and accessible manner. However, the absence of statistical significance in knowledge enhancement between experimental and control groups raises concerns. A more in-depth exploration of this aspect is necessary to strengthen the paper's academic rigor. Furthermore, the discussion section should compare the study's results with findings from similar research, emphasizing its contribution to the field.

Conclusion:

In conclusion, while the reviewed article presents a commendable effort in exploring the impact of AR technology on high school education, several areas for improvement have been identified. These include the need for a structured introduction, a comprehensive literature review, clearer methodology regarding AR usage, and a more thorough discussion of results. Addressing these shortcomings will enhance the paper's academic quality and contribute significantly to the discourse on AR technology in education.