

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

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I appreciate the authors' effort in exploring the impact of augmented reality (AR) technology on high school education. The study presents a comprehensive approach, utilizing both quantitative and qualitative measures to assess the influence of AR on learning outcomes and student engagement. The involvement of high school students, random allocation of groups, and diverse measures contribute to the study's strength.

However, the article seems to have some notable shortcomings, particularly in the introduction, literature review, methodology clarification, and the discussion of results.

a. Introduction and Literature Review:

The introduction lacks contextual information on the current state of the addressed issue.

A more detailed literature review is essential to establish a solid foundation, addressing existing gaps, theoretical frameworks, and relevant studies. This would strengthen the overall scholarly merit of the research.

b. Methodology:

The methodology needs clarification on how points were assigned for each subject in the tests.

Further elaboration on the application of AR technology is crucial to understand the nuances of its integration into the educational setting.

c. Results and Discussion:

While the study provides valuable insights, the lack of statistical significance in knowledge enhancement between experimental and control groups raises questions. A more in-depth exploration of this aspect is required.

The discussion section should compare the study's results with findings from similar research, emphasizing the contribution of this work to the field.

d. References:

The inclusion of more recent references, particularly from the last 5 years, is necessary to reflect the current landscape of AR technology in education.

e. Clarity in Methodology of AR Technology Usage:

The methodology of using AR technology needs clarification. Specifics on how AR was employed in the learning process and the interaction it facilitated should be clearly outlined.

In conclusion, the study is commendable in its scope and methodology, but addressing these areas of improvement will undoubtedly strengthen its academic rigor and contribute more significantly to the discourse on AR technology in education.