

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 article is interesting in certain aspects. It seems that a good number of people and resources are involved in the implementation of the experiment. Yet, it could benefit from improvements.

Initially, the state of the art should be investigated. The research problem that the article is addressing is unclear. What are the research questions linked to the hypothesis? How could we profit from the outcomes of this research?

Further details are needed regarding the specific conditions of the experiment since there are many parameters that could affect the results. It is implied that the AR technology used is diverse and relative to many topics. It is important that these applications are presented and analyzed, since outcomes greatly depend on their attributes and the way they were designed and implemented. The writer should emphasize how AR is leveraged to serve specific learning goals.

Additionally, all presented data and data analysis should be linked as an annex, while the results should be further discussed to highlight important aspects and weaknesses of this research.

With regard to the learning outcomes, content-specific tests should be used to effectively evaluate the accomplishment of learning goals, in addition to questions based solely on students' perception of their level of understanding.

Lastly, it is advisable that pictures and graphs are incorporated into this work to better illustrate the outcomes.