

Review of: "Impact of integrating smartphones in the teaching and learning of Mathematics in Chegato Cluster, Mberengwa district, Zimbabwe"

Muhammad Nasir¹

1 Universitas Riau

Potential competing interests: No potential competing interests to declare.

- 1. First, I congratulate the author who has successfully submitted his article to Qeios.
- 2. In my opinion, the influence of smartphones is too big and too general when it comes to mathematics subjects. So it is quite difficult for us to find the right results because what we are researching is too general. For example, the influence of smartphones on completing math assignments or speed in completing assignments. Because smartphones are too general for a research topic that is connected to mathematics learning outcomes.
- 3. In writing this article, it is stated that research is a mixture of qualitative and quantitative, but it is not clear which is qualitative and which is quantitative; it is not clear, which causes the research method used to be weak.
- 4. It is stated that there were observations, but it is not clear who and what was observed, when (what) the observations were made, or who made the observations.
- 5. It is stated that there is an interview, but there is also no interview guide. What's in the interview?
- 6. Because the data collected is not clear, the data analysis technique is also difficult, and the results are also unclear.
- 7. The problems with the research method and the conclusions obtained are still not in line.
- 8. For example, interview techniques can be strengthened with snowball techniques and triangulation techniques, but these are not included in this article.

Qeios ID: CTXQSW · https://doi.org/10.32388/CTXQSW