# Letter to Editor

Linz, 28.12.2020


**Dear Prof. Dr. Valarie Akerson**

Editor of the International Journal on Social and Education Sciences (IJonSES)

We are writing this letter to submit our manuscript that has been reviewed in the International Journal of Education in Mathematics, Science and Technology (IJEMST). The editor-in-chief of the journal suggested us to hand in our revision to IJonSES along with a letter stating the improvements.

Please kindly find the document below is the responses to reviewers' comments showing the paper advancements. The revision can also be noticed in the article file written in different text colour.

We hope the revised article is acceptable for publication in IJonSES.

Sincerely yours,

**The authors**

## Responses to the Reviewers

| Reviewer B Comments | Author's responses |
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| Comment 1 (about the abstract): You have to tell or identify research gaps between theoretical and empirical researches hence literature the review should be conducted. | The abstract was totally revised according to the revision. |
| Comment 2 (about the abstract): Would you please to describe the data sources, instrument, and procedures or contexts clearly? | |
| Comment 3 (about the abstract): Are these general findings from the literature reviews? How to conclude and produce the statement? | |
| Comment 4 (about the abstract): When you analyse many pedagogical innovations from comprising of educational journals, you are expected to find out a novelty as your originality to commence a research. | |
| Comment 5 (about the abstract): It will be better to mention or present the recommendation the proper and specific learning model for elementary students so that your literature review provides high meaning or contribution. | |
| Comment 6: Please insert citations or references to strengthen your statement. | The statement deleted. |
| Comment 7: You have to tell or inform the identification of the articles e.g. the index of your articles so that the selected articles are truly qualified. | Thank you very much for the feedback. The quality of papers controlled by inclusion criteria of the systematic literature review. |
| Comment 8: You did not highlight the term in the abstract. How important is the term for your research? | The term mentioned in the abstract. |
| Comment 9: You need more explanation on EXCLUDING AFTER THE SECOND READING! | Explanation provided: *12 articles were excluded owing to the research in the articles conducted in the context of the former school curriculum . . .* |
| Comment 10: Could you please tell what criteria did you use? | The criteria were article title, abstract, and keywords. We have included papers indexed in Scopus and Web of Science |

| | database. |
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| Comment 11:<br>Is there a tendency? What kind of material is the tendency? Describe! | Yes, there is the tendency and it has been described on the table description:<br><br>*. . . several kinds of learning material commonly developed for mathematics learning, namely instructional kits, interactive multimedia, worksheets, and media in the traditional forms as well as instructional models over 8% of the articles in each category.* |
| Comment 12:<br>Describe the reason or analysis why this model is the most favourite at all! | The 4D model is not the favourite ones. There are three models common models for research and development namely Borg & Gall, ADDIE, and 4D. The reason is provided:<br><br>*The popularity of the models may due to the intensive introduction of those models in educational technology programmes either for bachelor, master, or doctoral degrees in Indonesian higher education.* |
| Comment 13:<br>You have to tell explicitly the appropriate Math learning model for Indonesian elementary students. You could not merely mention the directions. | Future learning directions added. We propose game-based learning with microgames as a potential mathematics learning model in Indonesian elementary schools. |
| Comments 14-22 are about the references:<br>It is will be better for you to use reference manager. | Zotero was used to organise references. |

| Reviewer C Comments | Author's responses |
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| Comment 1(about the abstract):<br>This is just the author's justification without being accompanied by relevant supporting evidence | The abstract was totally revised according to the revision. |
| Comment 2:<br>I can't quite understand what you mean in this sentence. This is just the author's justification. Please complete with facts that are relevant to education in Indonesia | The sentence has been revised. |
| Comment 3:<br>These are only examples and do not necessarily represent your statement | The sentence has been revised. |
| Comment 4:<br>Research…. Check all | We do use the term *study* as the synonym |

| | of research. |
|---|---|
| Comment 5:<br>This is very irrelevant to your article title | The sentence has been revised. |
| Comment 6:<br>Which one? whose research? | The sentence has been revised. |
| Comment 7:<br>What about the credibility of researchers in analyzing scientific article data & how do you test that what you write truly reflects the facts in Indonesia. | The credibility controlled by the rigorous literature review strategy. More specifically to guarantee the facts, inclusion criteria applied in the review. |
| Comment 8:<br>It is better to include the data for articles published by Scopus and the Web of Science. Little meaning remains. If only from articles taken on google scholar and the articles are only published by 'local in Indonesia' journals, then the point of view of the article writer and the quality of the article will be very limited. And it is clear that without having to do research like this, the conclusion of the research results can be concluded that there is a need for innovation in learning in media development, teaching materials, evaluation and so on. Educational problems only focus on students, teachers and teaching materials & curriculum. | Articles from Scopus and Web of Science have been taken into account.<br><br>The conclusion has been revised.<br><br>The focus on students, teachers, and learning material is to capture key problems that specifically relate to daily learning processes. |
| Comment 9:<br>What is interesting about your research results.<br>What about the credibility of researchers in analyzing scientific article data & how do you test that what you write truly reflects the facts in Indonesia. | Thank you for the comments. The findings of the studies reveal existing pedagogical innovations in mathematic education in Indonesia elementary schools. This could be of interest to develop further innovations more appropriately to the contextual problems in the next studies.<br>The credibility controlled by the rigorous literature review strategy. More specifically to guarantee the facts, inclusion criteria applied in the review. |
| Comment 10:<br>What do you offer for innovation research forward is still common to all. I feel what you propose as what the researchers think. Coverage so wide that you review your ideas are not visible at all.<br>Comprehensively, you need to make innovations to be able to solve education problems in Indonesia. | Thank you very much for the very constructive comment. A wide coverage about learning and research provided, as well as further learning innovations added in the section of *Future Learning and Research Directions*. |

| Comment 11:<br>Check & revise your refences.<br>Follow the citation procedures of the American Psychological Association (APA 6) | Zotero was used to organise references with APA 7 style. |
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| Reviewer M Comments | Author's responses |
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| Comment 1 (about the abstract):<br>To the point | The abstract was totally revised according to the revision. |
| Comment 2 (about the abstract):<br>Method? | |
| Comment 3 (about the abstract):<br>What does it mean? | |
| Comment 4:<br>What does it mean? not clear | The sentence has been revised. |
| Comment 5:<br>What is the relationship with learning innovation? | The sentence has been revised. |
| Comment 6:<br>Please, explain state of the art this research! | The state-of-the-art provided. |
| Comment 7:<br>Check the abstract! Result?? | Thank you for the comment. We have revised the abstract. |
| Comment 8:<br>Font | The font changed to Times New Roman |
| Comment 9:<br>Maybe, explain the basis for categorizing in the table | The basis for categorising explained in a paragraph above the table as well as introduced in the methodology section. |
| Comment 10:<br>Maybe, explain the basis for categorizing in the table | The basis for categorising explained in a paragraph above the table as well as introduced in the methodology section. |
| Comment 11:<br>Explain what underlies the development of models with pedagogical innovation | Apologies, we were not quite sure what this comment means. Meanwhile, further explanation of the development models discussed. |
| Comment 12:<br>Recommendations from the authors on the results of the research (Pedagogical Innovations, Underlying Problems,etc) | The recommendations revised. |

| Reviewer O Comments | Author's responses |
| --- | --- |
| Comment 1 (about the abstract):<br>I couldn't find the goal for this research. | Many thanks for the feedback. The research goal has been rewritten more explicitly. |
| Comment 2: | Zotero was used to organise references. |

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| Please use some references like Mendeley or something else | |
| Comment 3:<br>Is this only for another research? how about the learning? | Thank you very much for the comment. The learning aspect added and discussed in the section of *Future Learning and Research Directions.* |
| Comment 4:<br>Fresh? | Fruitful here intended to express usefulness. |
| Comment 5:<br>Refer to? | The sentence revised. |
| Comment 6:<br>Therefore shouldn't put in the middle of sentence | The sentence revised. |
| Comment 7:<br>Use some tool for references writing | Zotero was used to organise references. |