

# Review of: "A Study on the Design of Music Curriculum-Based Ecological Environment Convergence Education Program for Elementary School Learners"

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Potential competing interests: No potential competing interests to declare.

The topic is interesting, but I think the paper requires major revisions before publication to explain the innovation of the method and its applicability, which is not well apparent from the paper at the moment.

The author has given a lot of importance to the method, but results discussion, evaluation, and assessment are lacking, though necessary to provide teachers with the necessary application tools for the method.

The chapter should be rearranged as follows: 1. Introduction; 2. Research Method (with also theoretical background, Principles of Convergence, Tools, etc.); 3. Results (Please explain Table 2, which is not well organized because the horizontal connection between the different principles and colors is not clear. It could be sufficient to number the Principles of Da Vinci in Table 1 and rewrite only the numbers of the Da Vinci's Principles in Table 2, with their correspondence with the other principles (Root Bernstein: please present who he is and the references linked) in Table 2, and give more importance to the new principles (music-based .... program) obtained in this study; 4. Conclusions.

Furthermore, it is necessary to describe in the 3rd chapter (Results Discussion) the new Music-Based Ecological Environmental Education program (and it should be better to find a shorter acronym).

The references are lacking DOIs for each article, or ISBNs, or links and must be rearranged in consideration of the guidelines of the editor (author, year, title, etc.), and it is necessary that every reference is cited in the text, and all the authors cited in the text must be linked to a reference (e.g., Gelb in Chapter 2.1).

The abstract requires a total revision of the English language; the periods are very convoluted and too long. In the introduction, "the main factors are the greenhouse effect and global warming" is not correct: the greenhouse effect and global warming are results and not factors.

A more effective and shorter title for the program could be taken from the phrase in the introduction: by combining the cross-curricular ecological environment and music education - I've found that clear and linear. So, I suggest: "A Cross-Curricular Ecological Environment and Music Education Program for Elementary School."

I suggest also not to consider only the social changes in the era of the 4th industrial revolution but also the general environmental principles, such as international environmental challenges (as Agenda 2030 UN on the Development

Goals, see for example the following link: [https://www.un.org/esa/dsd/agenda21/res\\_agenda21\\_00.shtml](https://www.un.org/esa/dsd/agenda21/res_agenda21_00.shtml) etc.), to improve the applicability of the method in an international context.

Thank you.