

Review of: "Does a 'Creativity Crisis' Truly Exist Among Science Learners?"

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Potential competing interests: No potential competing interests to declare.

1. How and why the factors (creativity indicators?) Why you selected these variables over the others? Were selected? This needs justifications. In some studies creativity is measured by creativity quotient (CQ), psychometrics, and the social-personality approach.
2. The study lack theoretical backings, guidance and evidence to guide the present study.
3. The actual audiences, the students, were not the source from which the data were gathered. The data were collected only from the learners. How can we say the data was valid enough?
4. It needs to reconsider the statement "This interest has grown even more in recent times (Hennessey & Amabile, 2010)" (line 2 in the introduction). How can evidence from more than a decade ago be regarded as "recent times"?
5. validity and reliability of the tools were not discussed. it is not clear whether the questionnaire was developed, adapted, validated by experts. This should be clearly discussed.
6. How the variables are related to the construct to be studied is not clearly discussed with literature back.
7. it seems that the sentences below are contradictory: "Grit is the never-give-up attitude of an individual and the passion for achieving long-term goals (Duckworth et al., 2007). However, it has been found that grit does not predict creative behavior (Grohman et al., 2017). Thus, the change of factors - ideation, intrinsic motivation, self-efficacy, and grit - was studied in this research to explain the possible change in the creative potential of science learners"
8. Purposive sampling was used to select the study participants. However, it not described by what purpose they were selected.