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Reviewer Invitation for How does student creativity depend on teaching methods at the institute? Modern information technologies for education and creativity as manifestations of the specifics of the psyche

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Cogent Education <em@editorialmanager.com>
to me

Mon, Dec 30, 2024, 2:15 PM

Dear Dr Apoko,

We would be grateful if you would review a paper entitled "How does student creativity depend on teaching methods at the institute? Modern information technologies for education and creativity as manifestations of the specifics of the psyche". This involves completing a scorecard and submitting your recommendation, with the entire process conducted via an easy online system.

Please note that from December 2022, Cogent Education has followed a double anonymous peer review policy. This means author's names are not visible to reviewers. Submissions received before December 2022 will still be formatted in a single anonymous way, meaning that author names are present in the file.

All agreed reviewers must have expertise in the topic of the manuscript and have no conflict of interest preventing them from providing an unbiased view. For more information about our criteria for publication, expectations of reviewers and our review process please visit the website at <https://www.cogentoa.com/reviewers>.

If you have reviewed a previous version of this manuscript, please note that you should be primarily assessing the revision based on whether authors have successfully made the requested amendments, rather than identifying new issues.

Please find the abstract for the manuscript below for your information. The full paper will be available to read on the online system if you accept the invitation.

This study investigates how project-based learning (PBL) and SCAMPER approaches affect university students' ability to be creative. The aim of the study is to investigate how personality traits and these organized, student-centered teaching approaches affect creativity in higher education environments. Totally 150 juniors participated in the study. The Torrance Test of Creative Thinking (TTCT) was used to test creativity; personality questionnaires were used to gauge attributes, including flexibility in problem-solving and self-efficacy, and the Work Preference Inventory (WPI) was used to gauge intrinsic and extrinsic motivation. Through group projects supported by the Moodle platform, students could engage in cooperative learning and innovative problem-solving. The results showed that using SCAMPER and PBL techniques significantly improved the participants' fluency, creativity, and flexibility. Additionally, the study discovered a favorable correlation between higher creative performance and personality attributes including self-efficacy and a strong accomplishment orientation. Students' creativity and problem-solving skills were further strengthened through collaborative interaction on digital platforms. According to the research's practical consequences, innovative teaching strategies combined with digital resources can significantly improve student learning in higher education. These results have applications in a variety of fields where creativity and innovation are essential, such as engineering and medical education.

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COGENTEDU-2024-2972

"How does student creativity depend on teaching methods at the institute? Modern information technologies for education and creativity as manifestations of the specifics of the psyche"

Original Submission

Tri Wintolo Apoko, Ph.D. (Reviewer 2)

Reviewer Recommendation Term:	Sound with minor or moderate revisions
Custom Review Question(s):	Response
As a thank you and to acknowledge the contribution of our reviewers, the journal may publish a list of the names of those who have reviewed at the end of the year. This will not be linked to any specific paper and will only be done if the list of reviewers is long enough to protect the anonymity of the review process for individual papers. If you would prefer for your name not to be included in a published list of reviewers, please indicate this below.	Include my name
If anyone else was involved in writing this report, for example a student or a colleague, and they agree to be recognised for this work please provide their name and email address in the free text box below.	
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<i>Don't let your reviewing work go unnoticed! Researchers the world over use Publons to effortlessly track their valuable peer review contributions for any journal. If you opt in, your Publons profile will automatically be updated to show a verified record of this review in full compliance with the journal's review policy. If you don't have a Publons profile, you will be prompted to create a free account. [Learn more]</i>	
I confirm that I have the necessary subject knowledge and expertise to review this article, and have no conflict of interest that would prevent me from offering an unbiased review.	Yes
Would you be willing to review a revision of this manuscript?	Yes
Title, Abstract and Introduction – overall evaluation	Sound with minor or moderate revisions
Methodology / Materials and Methods – overall evaluation	Sound with minor or moderate revisions
Objective / Hypothesis – overall evaluation	Outstanding
Figures and Tables – overall evaluation	Sound with minor or moderate revisions
Results / Data Analysis – overall evaluation	Sound with minor or moderate revisions
Interpretation / Discussion – overall evaluation	Sound with minor or moderate revisions
Conclusions – overall evaluation	Sound
References – overall evaluation	Sound with minor or moderate revisions
Compliance with Ethical Standards – overall evaluation	Sound with minor or moderate revisions
Writing – overall evaluation	Sound
Supplemental Information and Data – overall evaluation	Sound with minor or moderate revisions
Comments to the author	There are some points considered to be revised by the authors: 1. In abstract section, you have clear and succinct elaboration, yet it would be much better to put the background on two instruction strategies in promoting creativity in the initial sentence. In addition, please describe the research design. 2. In the introduction and literature review sections, you have comprehensively elaborated the relevant studies containing the pros and contras with updated references. However, I found that you have not discussed about the potential of SCAMPER approach. In addition, as I read the results of your study, I suggest you to place the research task 3 to the research task 4 as a qualitative evaluation of Moodle platform. 3. In the method section, It has been very good as you presented the four stages of the research, yet it would be much better if you also illustrate it with a figure/picture to attract the readers. In addition, you may also describe more about the participant demographics such as genders and the academic levels. For the experimental procedure you described as the teaching design, it is also necessary to illustrate it with a figure/picture. Still in this section, in your research design you used a quasi-experimental study. However, in the data analysis technique, you also used a thematic analysis to analyze qualitative data. Please clarify this if you use a quasi-experimental design or a mixed-methods with a sequential explanatory design. Regarding the ethical considerations, do you have an ethical approval number?

I confirm that I have the necessary subject knowledge and expertise to review this article, and have no conflict of interest that would prevent me from offering an unbiased review.	Yes
Would you be willing to review a revision of this manuscript?	Yes
Title, Abstract and Introduction – overall evaluation	Sound with minor or moderate revisions
Methodology / Materials and Methods – overall evaluation	Sound with minor or moderate revisions
Objective / Hypothesis – overall evaluation	Outstanding
Figures and Tables – overall evaluation	Sound with minor or moderate revisions
Results / Data Analysis – overall evaluation	Sound with minor or moderate revisions
Interpretation / Discussion – overall evaluation	Sound with minor or moderate revisions
Conclusions – overall evaluation	Sound
References – overall evaluation	Sound with minor or moderate revisions
Compliance with Ethical Standards – overall evaluation	Sound with minor or moderate revisions
Writing – overall evaluation	Sound
Supplemental Information and Data – overall evaluation	Sound with minor or moderate revisions
Comments to the author	<p>There are some points considered to be revised by the authors:</p> <ol style="list-style-type: none">1. In abstract section, you have clear and succinct elaboration, yet it would be much better to put the background on two instruction strategies in promoting creativity in the initial sentence. In addition, please describe the research design.2. In the introduction and literature review sections, you have comprehensively elaborated the relevant studies containing the pros and contras with updated references. However, I found that you have not discussed about the potential of SCAMPER approach. In addition, as I read the results of your study, I suggest you to place the research task 3 to the research task 4 as a qualitative evaluation of Moodle platform.3. In the method section, It has been very good as you presented the four stages of the research, yet it would be much better if you also illustrate it with a figure/picture to attract the readers. In addition, you may also describe more about the participant demographics such as genders and the academic levels. For the experimental procedure you described as the teaching design, it is also necessary to illustrate it with a figure/picture. Still in this section, in your research design you used a quasi-experimental study. However, in the data analysis technique, you also used a thematic analysis to analyze qualitative data. Please clarify this if you use a quasi-experimental design or a mixed-methods with a sequential explanatory design. Regarding the ethical considerations, do you have an ethical approval number?4. The results of the current study have been well presented for quantitative data and qualitative data. However, I do not find a table for correlation and regression analyses.5. In the discussion section, I think you missed Arfa Afzal for the citation. You put (Abe and Birabil, 2022) in the second paragraph.6. For the references, they have been completed with DOIs. However, It would be better if you have minimally 35 references.7. Others: <p>Please be consistent with using "pupils" or "students" in the paper/manuscript.</p> <p>Overall this manuscript has a good idea and interesting results as well as includes robust, scientific and ethical descriptions; moreover, it could consider to be published.</p>



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Sat, Jan 11, 12:32 PM



Ref.: Ms. No. COGENTEDU-2024-2972

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Kind regards,

Prof. May Cheng
Senior Editor
Cogent Education



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Reviewer Invitation for How does student creativity depend on teaching methods at the institute? Modern information technologies for education and creativity as manifestations of the specifics of the psyche

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Thu, Feb 27, 10:28 AM (9 days ago)



Dear Evaluation of Students Performance through Academi Tri Wintolo Apoko,

Thank you for your previous work in reviewing the submission, "How does student creativity depend on teaching methods at the institute? Modern information technologies for education and creativity as manifestations of the specifics of the psyche" in Cogent Education.

We would greatly appreciate if you would agree to review the revised version of this manuscript.

The original comments can be found at the end of this e-mail, as well as online once you agree to review this manuscript. Please note that you should be assessing the revision based on whether the authors have successfully made the requested amendments, rather than identifying new issues. For more information about our criteria for publication, expectations of reviewers and our review process please visit the website at <https://www.cogentoa.com/reviewers>.

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The manuscript reference is COGENTEDU-2024-2972R1.

If possible, I would appreciate receiving your review 10 days from the date of accepting this invitation.

With kind regards,

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**Cogent Education** <em@editorialmanager.com>
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Mar 3, 2025, 5:11 PM (5 days ago) ☆ ↶ ⋮



Review Due

When Thu Mar 13, 2025 (WIB)

Who Cogent Education*

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Agenda

Thu Mar 13, 2025

No earlier events

All day Review Due

No later events

Dear Dr Apoko,

Thank you for agreeing to review manuscript COGENTEDU-2024-2972R1, "How does student creativity depend on teaching methods at the institute? Modern information technologies for education and creativity as manifestations of the specifics of the psyche", for Cogent Education.

To download the paper, please click this link: <https://www.editorialmanager.com/cogentedu/l.asp?i=1101117&l=0XC3PNIC> *

Your review of this paper is due by Mar 13, 2025. If you are unlikely to be able to provide comments by this date, please contact the Editorial Office who will be happy to help.

You can submit your review at <https://www.editorialmanager.com/cogentedu/>: your username is Your username is: Tri Wintolo Apoko and your password can be set at this link: <https://www.editorialmanager.com/cogentedu/l.asp?i=1101118&l=IDLT4JCV>. We encourage you to focus your review on the methodological and/or theoretical rigour of the manuscript and its relevance to the journal's audience, rather than on a prediction of its future level of importance to the field.

In addition to completing the scorecard, we would appreciate you providing thorough and constructive feedback for the authors in the comments box.

When submitting your recommendation, you can choose from the following options:

- * Sound
- * Sound with minor or moderate revisions
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Tri Wintolo Apoko, Ph.D. **Reviewer 2**

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Title, Abstract and Introduction – overall evaluation

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Objective / Hypothesis – overall evaluation

Figures and Tables – overall evaluation

Results / Data Analysis – overall evaluation

Interpretation / Discussion – overall evaluation

Conclusions – overall evaluation

References – overall evaluation

Compliance with Ethical Standards – overall evaluation

Writing – overall evaluation

Supplemental Information and Data – overall evaluation

Comments to the author

Response

Include my name

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Yes

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Outstanding

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After I read the revised manuscript, I found that you have tried their best to revise the manuscript, from the abstract completion, the introduction section as well as the literature review. In addition, the method section has been added with substantial clarification as suggested. Regarding the revision of the results section, some tables on quantitative data are already presented. Some references are also added to support the manuscript quality. Overall, This manuscript has been better than the previous one.



Review Thank You

Thank you for reviewing Manuscript Number COGENTEDU-2024-2972R1.

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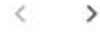
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Ref.: Ms. No. COGENTEDU-2024-2972R1

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Kind regards,

Prof. May Cheng
Senior Editor
Cogent Education

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2025

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Tri Wintolo Apoko

in recognition of their hard work as a peer reviewer for

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