

Review Form 3

Journal Name:	Asian Research Journal of Arts & Social Sciences
Manuscript Number:	Ms_ARJASS_121321
Title of the Manuscript:	Analyzing the Influence of Students' Analytical Thinking Abilities on their Mathematics Academic Performance in Mezam Division, Cameroon
Type of the Article	

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<p>During the review process, I found that the research content of this paper is somewhat narrow, as it solely focuses on the impact of students' analytical thinking abilities on their mathematics academic performance. While this aspect is indeed important, from the perspective of academic research breadth and depth, concentrating on this single variable might limit the overall significance and practical value of the study.</p> <p>I suggest that, in addition to the current research, consideration be given to exploring other related variables. For instance, factors such as students' learning motivation, family background, teaching methods, and classroom environment could be examined for their combined impact on mathematics performance. These additional variables would not only provide a more comprehensive perspective but also facilitate a deeper understanding of the multifaceted mechanisms affecting students' mathematics achievement.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Yes</p>	
<p>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</p>	<p>The abstract of the article lacks the research conclusion, so a sentence should be added before the research recommendations to state the research conclusion.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>It is suggested to add a section titled "Theoretical Foundation" for the Cognitive Load Theory, Information Processing Theory, and Ecosystem Theory mentioned in the introduction.</p>	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>	<ol style="list-style-type: none"> 1. The study clearly defines the research subjects and variables and utilizes appropriate data collection and analysis methods, laying a solid foundation for drawing reliable conclusions. 2. The article employs widely recognized statistical methods to analyze the data and provides a reasonable interpretation of the results. 3. The research is grounded in Cognitive Load Theory, Information Processing Theory, and Ecosystem Theory, and the literature review cites relevant studies in the field, indicating that the author has a thorough understanding of the research topic. 4. The research findings can offer theoretical support for educational practice, particularly regarding the impact of analytical thinking skills on mathematics learning. 	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>The number of references throughout the article is relatively low. It is recommended to use 30-40 references, with a greater emphasis on articles published in the last five years.</p>	

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<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>Yes</p>	
<p>Optional/General comments</p>	<p>Despite the extensive research conducted by the author, several issues remain:</p> <ol style="list-style-type: none"> 1. The research methods should specify the statistical software used for data analysis. 2. The measurement tool for analytical thinking skills does not include details about its source, such as the researcher who developed it, the year it was created, and the reliability and construct validity of the original scale. 3. The demographic analysis should include the percentage of male and female participants. 4. The correlation results in Table 4 should not be directly copied from the statistical software output. Instead, they should be presented in a standard three-line table format, with the note indicated below the table. 5. Similarly, for Tables 5 and 6, please use the appropriate three-line table format to present the data results. 6. In Table 3, replace "Sig.(2-tailed)" with "P". 7. The article mentions that the questionnaire was reviewed by three experts; please provide detailed information about these three experts. 8. It is recommended to include gender factors in the study to enrich the research content, such as examining the impact of analytical thinking skills on mathematics performance across different genders. 9. Although previous studies are cited in the discussion, additional citations and more detailed research results might be more beneficial. 10. The conclusion section should derive conclusions based on the results and discussion of the entire article, rather than repeating the discussion and analysis in the conclusion. 	

PART 2:

	<p>Reviewer's comment</p>	<p>Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</p>
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

Reviewer Details:

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