

Review Form 1.7

Journal Name:	Asian Journal of Education and Social Studies
Manuscript Number:	Ms_AJESS_102185
Title of the Manuscript:	Investigating Misconceptions in Linear Equations and its Impact on Students' Achievement at Middle Secondary Schools of Bhutan
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

<https://www.journalajess.com/index.php/AJESS/editorial-policy>)

PART 1: Review Comments

	Reviewer's comment	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>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>This study aimed to investigate and address ninth-grade students' misconceptions in learning linear equations using a three-tier diagnostic test. The research design followed an explanatory sequential mixed approach, where quantitative data was initially collected, analyzed, and used to inform a more in-depth qualitative analysis.</p> <p>The study concludes that teachers can effectively identify and address cognitive conflicts in students, increasing the likelihood of conceptual change. Furthermore, teachers can facilitate meaningful mathematics learning experiences and support students in engaging with the subject.</p> <p>However, the following remarks have to be made: The study was conducted on 29 subjects and it is not balanced between genders. The number of subject is too small in order for the study to be conclusive.</p> <p>What was the questionnaire? If the questions are the one presented in subchapter 1.3.1? What are the questions presented to sampled subject afterwards? If the questionnaire has open responses, how the authors normalized them? For the case of multiple choices, it is simple.</p> <p>Table 1 and Table 4 are identical. Please refer to one of them.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	Yes	
Optional/General comments		

PART 2:

	Reviewer's comment	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)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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Reviewer Details:

Name:	Brad Remus
Department, University & Country	Universitatea "Lucian Blaga" din Sibiu, Romania