

Review Form 3

Journal Name:	Asian Journal of Education and Social Studies
Manuscript Number:	Ms_AJESS_127399
Title of the Manuscript:	Teaching Reform and Practice of Linear Algebra Based on the "Three Transformations and Six Dimensions" Progressive Model
Type of the Article	Short communication

General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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Important Policies Regarding Peer Review

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
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.	The manuscript is very important as it offers practical solutions to common challenges in teaching linear algebra, promotes innovative educational practices, integrates technology effectively, and enhances critical thinking among students all contributing to improved educational experiences and outcomes in higher education.	
Is the title of the article suitable? (If not please suggest an alternative title)	It is generally suitable as it accurately reflects the content and focus of the manuscript. However, it could be made more engaging and concise to better capture the reader's attention.	
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.	The abstract is generally comprehensive as it outlines the main objectives, challenges, and innovations proposed in the teaching of linear algebra. However, there are some suggestions for improvement to enhance clarity and completeness. While the abstract mentions addressing "pain points," it could benefit from a clearer statement of the specific goals of the proposed model. For instance, explicitly stating that the model aims to improve student engagement, understanding, and application of linear algebra concepts would strengthen the purpose. In addition, reducing redundancy in phrases like "teaching reform and practice" could make the abstract more concise.	
Are subsections and structure of the manuscript appropriate?	The structure and subsections of the manuscript are appropriate and effectively convey the intended message regarding teaching reform in linear algebra. With minor adjustments for clarity, coherence, and visual support, the manuscript can further enhance its impact on readers and educators interested in innovative teaching strategies.	
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.	The manuscript "Teaching Reform and Practice of Linear Algebra Based on the 'Three Transformations and Six Dimensions' Progressive Model" addresses pedagogical challenges in linear algebra, using established theories and innovative methods. I think the empirical evidence from student surveys supports the effectiveness of the reforms, demonstrating significant improvement in student engagement and learning outcomes.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :	The manuscript references used key studies and educational frameworks supporting proposed teaching reforms in Linear Algebra and mathematics education. However, it would benefit from a broader range of sources, particularly those discussing recent advancements in teaching methods and technology integration in mathematics education. It is essential to include more recent studies from the last 5 years that reflect current trends and research in educational practices, especially active learning strategies, technology integration in education, pedagogical frameworks, and recent innovations in mathematics education can provide a more comprehensive view of current research and practices. Freeman, S., et al. (2014). "Active learning increases student performance in science, engineering, and mathematics." Proceedings of the National Academy of Sciences.	

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	Hattie, J., & Donoghue, G. (2016). "Learning strategies: A synthesis and meta-analysis." <i>Journal of Educational Psychology</i> .	
<u>Minor</u> REVISION comments Is the language/English quality of the article suitable for scholarly communications?	The language is good; however, to improve readability and scholarly communication, break lengthy sentences into shorter, clearer ones. Ensure consistent use of terms throughout the manuscript, correct awkward phrasing or grammatical errors, and use active voice for greater impact. Conduct a thorough proofreading session to catch typographical errors or inconsistencies in formatting. For example: The course has a long history and has always maintained an excellent teaching tradition. Practice has demonstrated that this model effectively enhances teaching quality.	
<u>Optional/General</u> comments	I recommend accepting the manuscript for publication. While I recommend acceptance, I suggest that the authors make minor revisions to improve clarity in certain sections.	

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>	

Reviewer Details:

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