

**Review Form 1.6**

Journal Name:	<a href="#">Asian Journal of Probability and Statistics</a>
Manuscript Number:	Ms_AJPAS_92861
Title of the Manuscript:	Improving Junior High School Students' Achievement in Algebraic Expressions: The Pre-test-Post-test Non-equivalent Control Group Design
Type of the 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)
<b>Compulsory</b> REVISION comments	<ol style="list-style-type: none"> <li>At the abstract change a word. hundred (100) form replace with from</li> <li>At the introduction there are many issues which are posed in order to indicate the many different factors that influence maths achievement. However it would be better to concentrate only on the main issues which are examined at the present study.</li> <li>At the literature review I do not understand why there is so much emphasis on SES as it is not examined at the present study. There are many recent studies on the use of teaching methods which would enrich the theoretical framework of the present study.</li> <li>Additionally I believe that the present work has to be enriched with studies and theories about the use of symbolic and algebraic expressions. For example you can use studies about the use of different types of representations in mathematics and through this presentation discuss the use of algebraic expressions.</li> <li>The the think-pair-share method has to be explained theoretically. For example, this is related with discussion about paired work and discussion about the use of think aloud method as a way to behave metacognitively.</li> <li>How do you examine the participants' ability in mathematics? It says that it is equal.</li> <li>It is not clear for me the duration of the intervention.</li> <li>What about the dynamic of the pair? For examples there are studies which examined the behavior of the participants (in the case of pairs) according to their self-image and the image they had about the other participant.</li> <li>I believe that authors have to present and explain the rationality of their study. Otherwise those issues have been examined and discussed previously many times internationally.</li> <li>At the discussion the terms collaboration and cooperation are used as synonymous. Those two concepts have different meaning. Additionally a problem which is usually discussed about the use of intervention programs is the stability of any improvement. This issue could be posed otherwise we could have "recipes" in education which could generally be used.</li> <li>Few of the references that are used are too old. For example why you are using the NCTM 1989 and not the NCTM 2000? an analysis for TIMSS since 2002?</li> </ol>	
<b>Minor</b> REVISION comments		
<b>Optional/General</b> 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)
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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