

Review Form 3

Journal Name:	Asian Journal of Advanced Research and Reports
Manuscript Number:	Ms_AJARR_130991
Title of the Manuscript:	Effectiveness of Taragutog on Learners' Academic Performance in Mathematics
Type of the Article	

PART 1: 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. A minimum of 3-4 sentences may be required for this part.	This study highlights <i>Taragutog</i> as a culturally relevant game-based intervention to improve multiplication skills. It addresses persistent challenges in mathematics education and contributes to research on gamification by demonstrating significant student performance gains.	-done
Is the title of the article suitable? (If not please suggest an alternative title)	The title is clear but could be more specific. Suggested alternative: <b>"Enhancing Elementary Mathematics Learning Through Taragutog: A Game-Based Intervention for Multiplication Skills."</b>	-done
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.	1. Clarify <i>Taragutog's</i> uniqueness compared to other methods. 2. Briefly discuss its scalability for broader application. 3. Reword <b>"This study utilized the null hypotheses."</b> to <b>"The study tested the following null hypotheses."</b>	-done
Is the manuscript scientifically, correct? Please write here.	1. The <b>sample size (N=48)</b> is small—consider discussing generalizability limits. 2. No <b>long-term follow-up</b> —mention potential future studies. 3. Additional analysis (e.g., <b>effect size</b> ) could strengthen findings.	-done
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	1. Some sources are outdated; include <b>more recent gamification studies (post-2020)</b> . 2. Suggested: a. <b>Hamari et al. (2020): Gamification in Education</b> ( <i>Computers &amp; Education</i> ). b. <b>Plass et al. (2022): Foundations of Game-Based Learning</b> ( <i>Educational Psychologist</i> ).	-done
Is the language/English quality of the article suitable for scholarly communications?	1. Ensure <b>tense consistency</b> and remove redundant phrases. 2. Example: <b>"An intervention is needed"</b> → <b>"Luna Central School requires an intervention."</b>	-done
<u>Optional/General</u> comments	1. Strengthen the <b>introduction</b> with a global perspective on math challenges. 2. Briefly explain <b>Taragutog's mechanics</b> for readers. 3. Provide <b>practical recommendations</b> for integrating <i>Taragutog</i> into curricula.  <u>Justification:</u> 1. <b>Strengths: Well-structured study, clear methodology, statistically significant results, and relevant contribution to gamification in education.</b> 2. <b>Minor Revisions Needed: Ethical approval clarification, minor grammatical improvements, and slight expansion on Taragutog's mechanics.</b> 3. <b>Final Recommendation: Minor Revision</b>	-done

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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>	