

Review Form 3

Journal Name:	Asian Journal of Research in Computer Science
Manuscript Number:	Ms_AJRCOS_124667
Title of the Manuscript:	Systematic Review of AI-Driven Storytelling Applications in Early Childhood Education: Impacts on Language Acquisition and Literacy Development
Type of the Article	Systematic Review

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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>This manuscript presents a thorough and insightful exploration of AI storytelling applications in early childhood education (ECE), emphasizing their role in language acquisition and literacy development. Here are some comments and suggestions to enhance clarity, depth, and overall impact:</p> <p>Introduction</p> <ol style="list-style-type: none"> Contextualization: You might expand on the current state of ECE before introducing AI applications. This would provide a clearer rationale for the importance of the study. Citations: Ensure all cited studies are up-to-date. For example, if recent significant research emerged post-2021, it should be included. Bilingual Settings: Highlighting specific examples of successful bilingual implementations would add depth to the discussion. 	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Methodology</p> <ol style="list-style-type: none"> Frameworks: Clearly explain how the frameworks by Arksey and O'Malley and Levac et al. guide your review process. This could enhance the transparency of your methodology. Research Questions: Ensure the research questions flow logically from the issues raised in the introduction. They should clearly relate to the identified gaps in literature. 	
<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>This manuscript presents a thorough and insightful exploration of AI storytelling applications in early childhood education (ECE), emphasizing their role in language acquisition and literacy development. Here are some comments and suggestions to enhance clarity, depth, and overall impact:</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Literature Search</p> <ol style="list-style-type: none"> Search Strategy: A more detailed explanation of your search strategy (e.g., time frames, specific filters) would improve replicability. Diversity of Sources: Discuss the diversity of perspectives across different regions or cultures in your sources, particularly if the focus is on Asia and China. <p>Inclusion and Exclusion Criteria</p> <ol style="list-style-type: none"> Clarification: Explain why certain criteria were prioritized, especially the exclusion of studies outside the age range. This rationale helps justify your focus. Broader Context: Consider acknowledging potential biases that might arise from limiting the scope to peer-reviewed studies only. <p>Data Extraction and Analysis</p> <ol style="list-style-type: none"> Themes: Elaborate on the specific themes you identified through your thematic analysis. This can help readers understand the key findings and their implications. <p>Limitations: Address potential limitations in your analysis—such as the possibility of publication bias or</p>	

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	the challenges of comparing studies with varying methodologies	
<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>	<p>Conclusion</p> <ol style="list-style-type: none"> Future Research: While you suggest areas for further study, consider specifying what methodologies might be most effective for these investigations (e.g., longitudinal studies). Policy Recommendations: More concrete recommendations for policymakers could enhance the practical implications of your findings. <p>Overall Comments</p> <ul style="list-style-type: none"> Clarity and Flow: Ensure that each section transitions smoothly to the next. This can enhance readability and help maintain the reader's engagement. Engagement with Existing Literature: Critically engage with the literature—discuss not just what AI storytelling tools achieve but also any controversies or differing opinions within the field. 	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p> <p>-</p>	<p>This review has the potential to make a significant contribution to understanding AI's role in early education. With some refinements, it can become an even more valuable resource for educators, researchers, and policymakers.</p> <p>This manuscript provides a comprehensive systematic review of AI storytelling applications in early childhood education (ECE), highlighting their transformative potential for language acquisition and literacy development. The integration of AI tools is well-articulated, emphasizing features like interactivity and personalization that cater to young learners, particularly in bilingual contexts. The methodology is robust, employing established frameworks to systematically evaluate existing literature, although it could benefit from clearer explanations of search strategies and inclusion criteria. The analysis identifies key themes and underscores the importance of equitable access to these technologies, though it could delve deeper into specific examples and address potential biases more thoroughly. Overall, the review effectively synthesizes current findings while identifying critical gaps for future research, making it a valuable resource for educators, researchers, and policymakers aiming to harness AI's potential in ECE. With some refinements, particularly in clarity and depth, the manuscript could significantly contribute to the ongoing discourse on AI in education.</p>	
<p><u>Minor</u> REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>		
<p><u>Optional/General</u> comments</p>		

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PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
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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