Echoes of Tradition: Reclaiming the Oral Art of Poetry in Digital Embedded Courses

Jingyi Duan[1], **Suhan Wu**[2], **Min Luo**[3]*

[1]College of Life and Health, Nanjing Polytechnic Institute, No.188 Xinle Road, Jiangbei New Area, Nanjing 210048, Jiangsu Province, China

[2]School of Economics and Management, Nanjing Polytechnic Institute, No.188 Xinle Road, Jiangbei New Area, Nanjing 210048, Jiangsu Province, China

[3]School of Management, Shenzhen Institute of Information Technology, No.2188 Longxiang Avenue, Longgang District, Shenzhen 518172, Guangdong Province, China

Corresponding author: Min Luo, luom@sziit.edu.cn

Abstract: This paper investigates the integration of oral traditions with digital technologies in poetry education, proposing a comprehensive framework aimed at enhancing pedagogical effectiveness and cultural enrichment. Through a review of both historical and contemporary teaching methods, this paper emphasizes the distinct advantages of oral recitation in fostering deeper cognitive, emotional, and social engagement, which are qualities that digital tools frequently fail to replicate. Advocating for a balanced approach, the study leverages the sensory richness of oral traditions alongside the accessibility and innovation of digital platforms. The paper presents a pedagogical model rooted in experiential and multimodal learning theories to forge immersive, sensory-rich educational environments that preserve the depth of traditional oral poetry while harnessing modern technological advancements. The paper explores the implications of this hybrid approach for educational practices, cultural preservation, and policy, arguing that such integration not only enhances learning outcomes but also sustains cultural heritage within a digital educational framework. Additionally, it outlines future research directions to validate the framework's efficacy, broaden its disciplinary applications, and evaluate its long-term educational impacts, contributing to a richer discourse on the harmonization of traditional methods and digital innovation in education.

Keywords: Poetry education; Oral traditions; Cultural preservation; Multimodal learning; Digital embedded courses

1. Introduction

The teaching of poetry has seen a considerable evolution, shifting from its tradition-based oral recitation to embracing digital technologies. Traditionally, oral recitation created an engaging educational atmosphere,

enhancing accessibility and deepening student engagement by highlighting auditory and rhythmic elements vital for appreciating poetry's artistic and emotional layers [1–2]. However, the introduction of digital technologies in educational settings has led to a significant pivot towards screen-based learning [3]. While this shift offers the advantages of convenience and increased accessibility, it risks losing the sensory richness and the immersive experience that are fundamental to traditional oral poetry delivery [4–5].

The shift towards digital tools in poetry education, while enhancing accessibility, raises concerns about the potential erosion of the profound experiential qualities unique to oral recitation [6]. This diminished emphasis on traditional oral practices not only transforms the teaching methodology but also impacts student engagement and their understanding of poetry [7]. This study addresses the urgent need to reassess and reintegrate oral recitation within the digital framework of poetry courses. By examining the interplay between traditional and digital pedagogies, this research aims to ensure that the instruction of poetry preserves its depth and richness in the digital era.

This research is driven by key questions concerning the impact of reduced oral recitation in digital courses and strategies for its effective reintegration. This inquiry will shed light on the unique benefits of oral methods that are less apparent in digital-only settings and will propose ways to merge traditional and modern educational tools to enhance both learning outcomes and student engagement. The significance of this research extends beyond academic circles, influencing educational practices and policies by advocating for a balanced approach that incorporates the strengths of both oral and digital methodologies. By demonstrating the compatibility of oral traditions with digital tools, this study seeks to enrich the pedagogical quality of poetry education, enabling students to experience poetry's full emotive power through diverse learning methods.

2. Literature review

This study reviews the existing literature from multiple perspectives to assess both the historical and contemporary approaches to teaching poetry. The pedagogical foundation of poetry teaching is firmly rooted in the oral tradition, a practice that has been pivotal across various cultures for preserving language, culture, and history [8]. Oral recitation enriches cognitive, emotional, and social engagement, providing a multisensory experience often difficult for digital mediums to emulate [2]. Scholars such as Tsur and Hamilton highlight the critical role of auditory elements—rhythm, tone, and sound—in deepening the understanding and appreciation of poetry [9–10]. They argue that oral performance not only enhances memorization but also strengthens emotional connections, underscoring its enduring value in educational settings.

Digital technology has drastically reshaped how poetry is taught today. While digital tools offer widespread access to resources and enable connections with diverse student groups, their impact on humanities education remains mixed [11–13]. Kendrick et al. highlight that although these tools make poetic texts more accessible, they often fall short of engaging students as deeply as oral recitation does. [14]. Additionally, Jusslin and Högland point out that, despite digital formats providing visual and auditory enhancements, they frequently lack the personal and interactive elements that are essential for a truly effective poetry education [15].

Studies comparing oral and digital teaching methods highlight clear differences in student learning outcomes [16]. Moneva et al.'s study found that students engaged in oral recitation showed higher comprehension and retention levels, likely due to the mnemonic benefits of auditory learning [17]. Conversely, while digital methods enhance accessibility, they tend to promote only superficial engagement with the material. These

findings align with media richness theory, which posits that complex messages, such as poetry, are most effectively conveyed through media that incorporate tone, pace, and emotional nuances, which are elements that are naturally strong in oral recitation [18].

In summary, the existing literature paints a complex picture, showing that traditional oral recitation of poetry provides significant educational advantages not entirely reproducible by digital tools. Research emphasizes the profound cognitive, emotional, and cultural connections fostered by oral practices, which bolster memorization, understanding, and appreciation of poetry. On the other hand, although digital technologies broaden access and introduce new teaching methods, they often fail to engage students as deeply as oral recitation does [19–20].

This study emphasizes the vital role of the oral art of poetry within educational spheres, especially as digital tools increasingly permeate classrooms. Although digital technologies undeniably expand accessibility and diversify educational content, it is crucial to preserve the oral traditions that are foundational to poetry's emotional and cultural dimensions. These traditions enrich the educational experience by deeply engaging students' auditory capacities and emotional faculties—elements that are frequently neglected in digital-only learning environments. Consequently, this research advocates for the strategic incorporation of oral practices into digitally enhanced poetry courses. Such an approach aims to ensure that students not only retain a connection to poetry's rich cultural heritage but also experience its full emotive and aesthetic impact, even within contemporary digital frameworks.

3. Framework for preserving oral traditions in digital poetry education

The necessity to preserve oral traditions within digital poetry courses mandates a robust theoretical underpinning, specifically drawing upon experiential learning and multimodal learning theories. Experiential learning theory, which posits that knowledge is constructed through the dynamic interplay between experiencing and reflecting, advocates for the integration of oral activities such as performing and critically listening to poetry. This pedagogical approach enhances the learning process by engaging students actively and directly. In tandem, multimodal learning theory underscores the importance of engaging diverse sensory channels to amplify learning efficacy. In the realm of poetry education, this involves a deliberate incorporation of auditory, visual, and kinesthetic inputs, facilitated through digital technologies to closely replicate the rich, immersive experience traditionally achieved through oral recitations. By leveraging these theoretical frameworks, the proposed educational strategy aims to ensure that digital platforms do not merely replace, but dynamically extend the sensory and emotional depth of oral poetry traditions.

3.1. Components of the framework
This framework, designed to bridge oral traditions with digital technologies in the domain of poetry education, is structured around three foundational elements. The initial element involves leveraging digital storytelling platforms such as VoiceThread or Adobe Spark. These platforms enable students to create engaging presentations that merge spoken word with visual components like text annotations and images. This integrative approach facilitates a dual sensory engagement—auditory and visual—that is crucial for a nuanced understanding of poetry.

Secondly, the framework incorporates essential technological tools to enhance the delivery and analysis

of poetry. High-quality audio equipment captures the subtle auditory nuances inherent in poetry recitations, an aspect vital for preserving the depth of the oral tradition. Concurrently, speech-to-text software is employed not only to transcribe these performances but also to facilitate a granular analysis of the poetic structure, utilizing advanced natural language processing. This dual functionality is imperative for maintaining the authenticity of the oral form while leveraging digital advancements for a deeper analytical engagement.

Thirdly, the adoption of the flipped classroom model as a pedagogical strategy enriches this educational framework. By engaging with digital recordings of poetry before class, students arrive prepared to actively participate in in-depth discussions and perform their recitations. This setup not only promotes active learning but also maximizes classroom engagement, effectively synthesizing traditional and contemporary educational practices.

Collectively, these components form a sophisticated framework that not only seeks to preserve oral traditions within the poetry curriculum but also aims to augment them through thoughtful digital integration. This approach ensures that students experience a deep engagement with poetry, appreciating its cultural and emotional layers through a modern educational view. The subsequent subsection details the practical application of this framework, focusing on how it can be operationalized within educational settings to achieve the discussed benefits.

3.2. Application of the framework

Successfully integrating the framework for blending oral traditions with digital tools in poetry education requires a multifaceted strategy. Initially, educators need in-depth training on both the technical use of digital platforms like VoiceThread or Adobe Spark and pedagogical methods for effectively combining oral poetry with these technologies. Workshops and ongoing professional development will prepare educators to utilize these tools in ways that enhance learning and engagement in the classroom.

Simultaneously, integrating digital-oral activities into the poetry curriculum must be handled with precision. These activities must align with and enhance the established educational goals of the course. Strategic planning by curriculum designers will ensure that these innovative methods are introduced at points in the course that maximize their impact on student learning and maintain the overall coherence of the educational experience.

Guaranteeing equitable access to essential technology is also critical for the successful implementation of this framework. Schools need to carefully review their digital setups and invest in upgrades that support the advanced audio and visual demands of modern educational tools. This might mean providing specific devices or software to students who otherwise lack access, thereby ensuring every student can fully participate and benefit from the educational opportunities presented.

In addition to infrastructure, continuous assessment is integral to the framework's effectiveness. This process goes beyond simply measuring student performance, as it involves actively seeking feedback from both students and teachers to refine instructional methods, the application of technology, and its integration into the curriculum. Utilizing analytics to monitor how students engage with the material offers crucial insights that can help educators tailor the learning experience to better suit individual and group needs, thus optimizing educational outcomes.

Engaging with the broader community is another crucial element of this framework. Collaborations with parents, local artists, and cultural organizations can enrich the educational experience by providing students

with tangible insights into the cultural importance of oral poetry. These partnerships not only bring additional resources into the classroom but also help students understand the relevance of their studies within a wider cultural and practical framework.

By diligently implementing these strategies, the framework strives to both preserve and enhance the oral traditions of poetry by integrating them thoughtfully into contemporary digital classrooms. This holistic approach ensures that students engage dynamically with poetry, gaining a deep appreciation for its cultural and emotional layers. While the application of this framework is structured to enhance educational practices, its broader impacts on pedagogy and culture are critical and are assessed in the following section.

4. Impact and implications

The implementation of the proposed framework, which merges oral traditions with digital technologies in poetry education, is poised to significantly influence educational practices and cultural preservation. This section delves into the expected impacts and wider implications of this innovative educational strategy.

4.1. Educational impact

Integrating oral traditions with digital modalities aims to enhance the learning environment, making it more interactive and effective. The framework employs auditory, visual, and kinesthetic inputs to accommodate various learning styles, which is likely to foster a deeper understanding and appreciation of poetry. This multimodal approach is expected to improve students' comprehension and retention rates, thereby making poetic content more accessible and impactful. Active learning components, such as student performances and critiques of poetry, are designed to bolster critical thinking and analytical skills, which are crucial for academic development across various disciplines.

4.2. Cultural implications

The framework also has profound implications for cultural preservation and promotion. By incorporating a robust component of oral poetry traditions, the initiative acts as a vessel for transmitting cultural heritage and promoting linguistic diversity in the increasingly digital society. This effort to preserve cultural practices through education not only enriches students' cultural knowledge but also fosters a sense of identity and continuity. Furthermore, by bringing these traditions onto digital platforms, the framework facilitates their broader dissemination, ensuring that these rich oral traditions continue to engage new audiences.

4.3. Policy recommendations

To ensure the successful adoption and effectiveness of the proposed framework, several key policy measures need to be implemented. Educational policymakers should allocate substantial resources toward upgrading technological infrastructure in schools. This is crucial for ensuring that all students have access to necessary digital tools, leveling the educational playing field across diverse socio-economic backgrounds. Additionally, there is a critical need for policies that promote continuous professional development for educators, particularly in enhancing their digital literacy and skills in multimodal teaching.

Moreover, it is beneficial to foster partnerships between educational institutions and cultural organizations. These collaborations are crucial in linking traditional cultural practices with contemporary educational techniques. By doing so, they significantly enrich students' learning experiences and deepen their understanding

of cultural heritage. These partnerships not only bridge historical and modern educational methodologies but also enhance the educational landscape by integrating a diversity of perspectives and practices. These collaborative efforts also help preserve cultural heritage while ensuring that educational practices evolve to meet current needs, thus enriching the educational landscape to be both in-depth and relevant.

This detailed examination above reveals the considerable potential of merging oral traditions with digital technologies in educational settings. Such integration promises not only to enrich learning environments but also to deepen students' cultural insights, preparing them for a more interconnected world.

5. Directions for future research

The framework introduced in this paper proposes integrating oral traditions with digital technologies in poetry education. While the potential benefits are significant, more empirical research is required to thoroughly evaluate the efficacy of this framework and to refine its components. This section outlines essential future research directions to both validate and enhance the initial findings.

5.1. Evaluating educational outcomes

It is crucial for future studies to rigorously assess the educational outcomes resulting from the implementation of this framework. Comparative analyses across traditional, digital-only, and hybrid (oral-digital) educational models would offer critical insights into the relative effectiveness of these approaches in improving student learning, engagement, and retention. Such research should employ a mix of quantitative methods to quantify learning improvements, alongside qualitative approaches to explore deeper experiential insights from both students and educators. This comprehensive evaluation will help identify best practices and potential areas for improvement in integrating oral traditions with digital educational technologies.

5.2. Cultural impact studies

It is also essential to evaluate how well the framework supports cultural preservation and appreciation among students. Future research could explore the impact of this educational approach on students' cultural identity and awareness. Studies might examine how integrating oral traditions into digital formats influences students' perceptions of and connections to their own and others' cultural heritages.

5.3. Technological advancements

The rapid evolution of digital technology calls for consistent exploration into how these advancements can elevate poetry instruction. Future research should focus on the potential of technologies like augmented reality (AR) and artificial intelligence (AI) to create more engaging and dynamic learning environments. Investigating how these technologies can be effectively integrated within the current framework will be crucial for enhancing the interactive dimensions of poetry education.

5.4. Longitudinal studies

Implementing longitudinal studies is critical for examining the long-term effects of blending oral traditions with digital tools in poetry education. These studies should focus on evaluating the persistence of educational benefits and the impact on cultural preservation over time. By tracking changes in educational practices and cultural appreciation longitudinally, researchers can gain a more detailed understanding of the framework's

effectiveness and its enduring influence on the educational field.

5.5. Expanding the framework to other disciplines

Finally, exploring the application of the proposed framework to other disciplines that incorporate oral traditions, such as literature, history, and performing arts, could substantially widen its influence. Future research should investigate how the principles established for poetry education might be adapted to these different areas. Such studies are crucial for understanding how effectively the framework can be generalized and applied across various educational contexts, potentially inspiring wider curricular innovations. This research will also assess the capacity of the framework to enrich diverse academic fields by integrating oral traditions, thereby broadening students' educational experiences.

By pursuing these avenues of research, scholars, and educators can continue to refine and expand the framework, ensuring that it remains effective and relevant in the face of changing educational needs and technological advancements. These efforts will contribute to a richer, more inclusive educational system that respects and utilizes the power of cultural traditions alongside modern technological capabilities. This section synthesizes the key findings and contributions of the study while considering the broader implications for vocational education and future research. The development and discussion of the poetic pedagogy framework for aesthetic course reform encapsulate a forward-thinking approach to vocational training, one that integrates aesthetic sensibilities with technical acumen. As the conclusions drawn from the analyses and discussions are navigated, the study reflects on how this framework not only addresses immediate educational gaps but also anticipates future challenges and opportunities in vocational education.

6. Conclusions

This paper has delved into the integration of oral traditions with digital technologies in poetry education, outlining a robust framework aimed at boosting both educational efficacy and cultural enrichment. Through an in-depth analysis of existing literature and the creation of a detailed educational model, this study has showcased the potential for traditional oral practices to synergistically combine with modern digital approaches, significantly enhancing the educational experience.

Implementing this framework is expected to not only improve educational outcomes by making poetry more accessible and engaging but also deepen students' cultural and emotional engagement with the material. The inclusion of oral traditions enhances the sensory experience of poetry, accommodating diverse learning preferences and fostering a deeper appreciation of the aesthetic and cultural dimensions of poetry. Furthermore, by bringing these traditions onto digital platforms, their reach is extended, ensuring that these rich cultural heritages continue to influence and inspire future generations.

The policy recommendations emerging from this study emphasize the necessity of robust support from both institutional and governmental levels to encourage the broad adoption of the proposed framework. Significant investments are required in technological infrastructure and professional development, along with the promotion of partnerships between educational institutions and cultural organizations. These steps are vital to fully realize the potential of merging oral and digital teaching methods.

Looking forward, research should concentrate on empirically testing the effectiveness of this framework, extending its application to other academic fields, and assessing its sustained impact on educational practices

and cultural preservation. Such investigations will allow educators and policymakers to continuously update and improve the framework, ensuring it adapts to changing educational requirements and advancements in technology.

In conclusion, this study enhances the ongoing discourse on educational methodologies by advocating for a balanced approach that respects traditional pedagogical techniques while leveraging the advantages of digital innovation. It urges a reevaluation of poetry teaching methods, proposing a model that not only tackles current educational challenges but also charts a progressive course for incorporating cultural heritage into modern education systems. In doing so, this research establishes a foundation for more inclusive and meaningful educational experiences that honor the potency of oral traditions alongside the capabilities of contemporary technology.

Disclosure statement

The authors declare no conflict of interest.

References

[1] Notopoulos JA, 1964, Studies in Early Greek Oral Poetry. Harvard Studies in Classical Philology, 1964(68): 1–77.

[2] Izre'el S, 1992, The Study of Oral Poetry: Reflections of a Neophyte, in Mesopotamian Epic Literature: Oral or Aural? Edwin Mellen Press, New York.

[3] Hoglund H, 2017, Video Poetry: Negotiating Literary Interpretations. Students' Multimodal Designing in Response to Literature, thesis, Abo Akademi University Press.

[4] Chen HR, Lin YS, 2016, An Examination of Digital Game-based Situated Learning Applied to Chinese Language Poetry Education. Technology, Pedagogy and Education, 25(2): 171–186.

[5] Kempster JR, 2023, Digital Poetry for Adult English Learners with Limited Education: Possibilities in Language Learning, Literacy Development and Interculturality. TESOL in Context, 31(2): 115–132.

[6] Smolskaya EP, Barteneva AS, 2021, Poetry and its Audience in the Digital Age. Concept Philosophy Religion Culture, 5(1): 157–168

[7] Lewis-Fokum Y, Moore S, Spencer AT, 2021, Talk the Poem: Re-positioning Poetry Recitation as Transformative Pedagogy. Caribbean Journal of Education, 43(1): 85–108.

[8] Finnegan R, 2018, Oral Poetry: Its Nature, Significance and Social Context. Wipf and Stock Publishers, Oregon.

[9] Tsur R, 2017, Metre, Rhythm and Emotion in Poetry: A Cognitive Approach. Studia Metrica et Poetica, 4(1): 7–40.

[10] Hamilton A, 2020, Rhythm and Movement: The Conceptual Interdependence of Music, Dance, and Poetry. Midwest Studies in Philosophy, 44(1): 161–182.

[11] Naji J, 2021, What Is Digital Poetry, in Digital Poetry. Palgrave Macmillan, Cham

[12] Kartini A, Sunendar D, Yulianeta Y, 2023, Analysis of Design Needs for Mobile Application Development Poetry Creation as a Learning Media for Writing Poetry. KEMBARA: Jurnal Keilmuan Bahasa, Sastra, dan Pengajarannya, 9(2): 351–362.

[13] Selfa SM, Falguera GE, 2022, From Text on Paper to Digital Poetry: Creativity and Digital Literary Reading Practices in Initial Teacher Education. Frontiers in Psychology, 2022(13): 882–898.

[14] Kendrick M, Early M, Michalovich A, et al., 2022, Digital Storytelling with Youth from Refugee Backgrounds: Possibilities for Language and Digital Literacy Learning. TESOL Quarterly, 56(3): 961–984.

[15] Jusslin S, Hoglund H, 2021, Arts-based Responses to Teaching Poetry: A Literature Review of Dance and Visual Arts in Poetry Education. Literacy, 55(1): 39–51.

[16] Hirsch S, Macleroy V, 2020, The Art of Belonging: Exploring the Effects on the English Classroom when Poetry Meets Multilingual Digital Storytelling. English in Education, 54(1): 41–57.

[17] Moneva JCO, Cuizon AJP, 2020, Confidence: Before and After Oral Recitations. Journal of Applied Linguistics and Literature, 5(1): 94–101.

[18] Wu S, Wong IA, Lin ZC, 2021, Understanding the Role of Atmospheric Cues of Travel Apps: A Synthesis between Media Richness and Stimulus–Organism–Response Theory. Journal of Hospitality and Tourism Management, 2021(49): 226–234.

[19] Bailey JM, 2009, Reading Poetry for Improved Adolescent Oral Fluency, Comprehension, and Self-perception, thesis, Wichita State University.

[20] Morrisson MS, 1996, Performing the Pure Voice: Elocution, Verse Recitation, and Modernist Poetry in Prewar London. Modernism/Modernity, 3(3): 25–50.