

Conceptual Framework: Fostering Multicultural Music Education Innovation at Anyang Normal University in China

Feng Yingjie, Zuraimy Mohamed Noordin

City University Malaysia, 46100 Petaling Jaya, Selangor, Malaysia

Email: 947816604@qq.com, zuraimy.noordin@city.edu.my

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Abstract

This study delves into multicultural music education by investigating the impact of innovative teaching approaches on students' learning outcomes, with a particular focus on the mediating role of cultural awareness. The research centres on a captivating case study conducted at Anyang Normal University in China, where various teaching innovations have been implemented to enrich the educational experience. These innovations encompass integrating diverse music cultures into the curriculum, technology into music education, collaborative learning and group projects, assessment strategies tailored for multicultural music education, and professional development opportunities for teachers. This study also considers the moderating effect of music teachers' experiences and expertise by scrutinising the correlation between these teaching innovations and students' learning outcomes. Moreover, this study included students' prior musical background and knowledge as control variables. To gather comprehensive data, surveys and interviews with students and teachers will be conducted, complemented by an analysis of students' performance in multicultural music education. This study sought to offer a deeper understanding of the role of teaching innovation in multicultural music education and its influence on students' learning outcomes. By exploring the mediating and moderating factors that affect this relationship, this study aimed to shed light on the complex dynamics within the field. The findings of this study contribute significantly to the advancement of knowledge in this domain.

Keywords: Multicultural Music Education, Teaching Innovations, Cultural Awareness, Learning Outcomes, Music Teachers' Expertise

Introduction

Multicultural music education serves as a pivotal arena for nurturing cultural understanding and inclusivity in educational contexts. In today's increasingly globalised society, the importance of embracing diverse musical cultures as a means of fostering empathy, appreciation, and interconnectedness cannot be overstated (Wu and Tsiang, 2020). However, despite its paramount significance, there is a notable gap in scholarly understanding of the intricate interplay between instructional methodologies and student performance in multicultural music education settings.

At the core of this scholarly deficiency, it is imperative to comprehensively address how various pedagogical approaches may enhance educational outcomes, particularly within institutions, such as Anyang Normal University in China. The prevailing emphasis on traditional Chinese music may inadvertently restrict students' exposure to the myriad musical traditions that exist across the globe, thereby impeding their engagement with ethnic minorities and world music (Wu & Tsiang, 2020). Rectifying this imbalance necessitates the adoption of a more inclusive educational approach that celebrates and incorporates a diverse array of musical traditions to enrich students' cultural awareness and appreciation.

Moreover, technological innovations have significantly reshaped the landscape of music production, delivery, and consumption, presenting both opportunities and challenges in multicultural music teaching (Bauer, 2020). However, despite the potential benefits of technology, there remains a pressing need for further scholarly enquiry to elucidate how these advancements can effectively facilitate students' connections with diverse musical cultures and foster meaningful cross-cultural interactions within educational settings.

Cultivation of cultural awareness and sensitivity among students is central to the efficacy of multicultural music education. Understanding the nuanced relationship between instructional innovation and student learning, particularly with regard to fostering cultural sensitivity, is a cornerstone of the development of inclusive educational practices (Alejandro & David, 2018). Indeed, the integration of students' cultural knowledge and experiences into the educational milieu not only enriches their learning experiences but also catalyses the promotion of social cohesion and understanding within diverse communities.

Furthermore, the pivotal role of music educators in shaping the landscape of multicultural music education cannot be overlooked. Their expertise and pedagogical acumen are instrumental in implementing innovative teaching methodologies that promote cultural inclusivity and enhance student-learning outcomes. Consequently, exploring how instructors' experiences and expertise moderate the relationship between teaching innovation and student learning represents a vital avenue for advancing the field of multicultural music education.

In light of these considerations, this study endeavours to address these pressing issues by seeking to enhance intercultural music instruction at the Anyang Normal University. By offering insights and recommendations to educators, curriculum developers, and policymakers, this study's findings have the potential to catalyse adaptable approaches to inclusive and culturally responsive music teaching, not only within the confines of this specific institution but also within educational settings worldwide.

Literature Review

Intercultural Competence Theory and Constructivism

Intercultural Competence Theory and Constructivism Theory help understand and use new multicultural music education methods in China. Intercultural Competence theory provides a framework for examining how adding diverse musical traditions to a curriculum can improve students' cultural understanding and appreciation. Cultural variety is stressed, allowing for an investigation of how different methods promote cultural respect and inclusivity among students. Innovative methods encourage students to reflect on their cultural identities and

participate in diverse music cultures, according to the notion (Kuppens, Ibrahim & Langer, 2020). Additionally, collaborative learning practices can improve intercultural communication and collaboration between students from different cultures.

In contrast, constructivist theory promotes student-centred experience-based learning, especially when experiencing diverse music cultures. China's multicultural music education works through collaborative and experiential learning. Numerous studies have shown that these methods encourage student participation, critical thinking, and comprehension (Alsaleh, 2020). China's constructivist music education system uses technology to increase students' engagement, creativity, and collaboration. Constructivist theories, such as class numbers and traditional teaching methods, face challenges in China's educational system. Teaching, evaluation, and training must be studied to determine how they affect constructivist principles (Selçuk & Yilmaz, 2020).

Teaching Innovation

The primary emphasis of this literature review revolves around teaching innovations that aim to enhance student learning outcomes by implementing various strategies, including technology integration, project-based learning, collaborative learning, and experiential learning (Madani, 2019). These innovations serve multiple objectives, such as increasing student engagement, fostering analytical thinking, promoting teamwork, and improving educator effectiveness. Technology is becoming increasingly crucial in education as it helps students learn through digital tools and platforms (Ooi, 2024). Project-based learning involves real-world projects that develop problem-solving skills and encourage collaboration (Boss and Krauss, 2022). Collaborative learning emphasises peer interaction and experiential learning, achieved through hands-on activities, such as field trips.

However, the effectiveness of educational innovation remains debatable in scholarly research. While some studies have shown positive effects on student learning outcomes, others have found limited or no discernible effects. Effectiveness depends on contextual application, alignment with objectives, and unique characteristics of students and educators (Alejandro & David, 2018). Disparities exist between developed nations with established education systems and China, which faces variations in educational norms, resources, and infrastructure. Developed nations have a tradition of investing in education and technology, whereas China, although a late entrant, is actively pursuing educational reforms and scientific research.

Integration of Diverse Music Cultures and Learning Outcomes

Educational institutions purposefully integrate diverse musical traditions, genres, and styles into their curricula to create an inclusive learning environment that values cultural diversity (Kelly, 2018). This integration goes beyond mere presentation, fostering active listening, critical analysis, collaborative performance, and understanding of the interconnectedness of music across cultures. These pedagogical approaches promote cultural appreciation, empathy, and respect among the students. Exposure to various musical cultures enhances students' musical comprehension, helping them to grasp cultural practices, musical structures, and stylistic elements. It also contributes to musical literacy and cultural competence, promotes cultural awareness, challenges stereotypes, and fosters genuine

appreciation of diversity. Additionally, it improves students' ability to engage in intercultural communication in various social and cultural contexts beyond music.

Blending multiple musical cultures nurtures creativity, critical thinking, and imaginative connection. Collaborative learning activities that explore and perform diverse musical traditions enhance student collaboration, empathy, and a sense of belonging (de Bruin, 2022). However, the literature acknowledges the importance of culturally sensitive pedagogy and emphasises the need to provide educators with appropriate teaching resources and ongoing professional development for meaningful learning.

H1: There is a positive significant influence of diverse music cultures on students' learning outcomes in multicultural music education.

Use of Technology and Learning Outcomes

Incorporating technology into multicultural music education encompasses integrating various digital tools, platforms, and resources to augment and enrich pedagogical and learning encounters (Bauer, 2020). Its extensive scope of use includes music software, online resources for understanding various traditions, and platforms for facilitating collaborative music creation. Technology facilitates the exploration of a wide range of music from diverse cultural backgrounds, thus promoting cultural consciousness and interactive music production encounters and ultimately augmenting involvement, drive, and educational achievements.

Incorporating technology into education can capture students' interest, excite their curiosity, and enhance their participation by providing interactive and dynamic learning experiences (Licorish et al., 2018). Furthermore, it facilitates personalised learning by providing adaptive tools that accommodate individual needs, pace, and preferences, promote autonomy, and enhance learning outcomes. Moreover, technology facilitates the development of critical thinking, problem-solving abilities, and digital literacy, all of which are crucial to achieving success in the contemporary world (Candra et al., 2024). The utilisation of various educational materials has expanded, resulting in enriched learning experiences and fostering collaboration, communication, and global perspectives among students. In general, the literature review highlights the positive effects of technology on learning outcomes, focusing on increased engagement, personalised learning, critical thinking, access to a wide range of materials, and the development of collaborative skills in the context of multicultural music education. Educators can proficiently employ technology to establish learning environments that enhance and promote inclusivity (Stenman and Pettersson, 2020).

H2: There is a positive relationship between the use of technology in music education and students' learning outcomes in multicultural music education.

Collaborative Learning and Learning Outcomes

Collaborative learning is an instructional methodology in which students engage in collective endeavours, fostering dynamic involvement, interpersonal exchange, and the collective resolution of challenges to attain shared educational objectives. The educational approach transitions from conventional instructional methods to a student-centric setting, fostering active participation, knowledge production, and skills cultivation through interactive conversations, collaborative projects, problem-solving activities, and peer instruction

(Tomkin et al., 2019). This approach facilitates the development of comprehension, long-term memory, and analytical reasoning skills by exposing students to various perspectives and interpretations. Additionally, it facilitates the development of crucial social skills, teamwork, and interpersonal talent in academic and real-life contexts (Islam, 2018). This fosters a conducive learning environment and enhances students' motivation. Furthermore, collaborative learning fosters the development of problem-solving abilities, higher-order cognitive skills, academic achievement, and metacognitive capacities, promotes effective educational administration, and enhances student results. In general, incorporating collaborative learning methodologies into education engenders an interactive and nurturing atmosphere, thus cultivating the profound acquisition of knowledge and vital competencies.

H3: There is a positive effect of collaborative learning on students' learning outcomes in multicultural music education.

Assessment Strategies and Learning Outcomes

The assessment tactics employed in multicultural music education cover a range of methodologies aimed at gauging student advancement in various musical settings (Brophy 2019). These strategies extend beyond conventional examinations and incorporate inclusive approaches to assessing cultural consciousness, ingenuity, and analytical reasoning. These tactics encompass various approaches, including continuous formative assessments that offer feedback and full summative evaluations. In addition, they adopt alternative approaches, such as performance-based examinations or cross-cultural initiatives, to capture the practical manifestations of musical knowledge in real-world contexts. It is of utmost importance that these tactics exhibit cultural sensitivity, considering the different musical backgrounds and manifestations of students. Efficient assessment procedures include providing constructive feedback, cultivating student engagement and motivation, aligning with instructional objectives, promoting authenticity, and actively involving students in the assessment process (Irons & Elkington, 2021). These tactics favour learning outcomes because they increase student engagement, enhance learning, and foster the development of crucial lifelong skills.

H4: There is a positive relationship between the use of assessment strategies and students' learning outcomes in multicultural music education.

Professional Development and Learning Outcomes

Educators' continuous development in the educational field, which encompasses multicultural music education, enriches their understanding, abilities, and pedagogical approaches. The process includes various activities such as workshops, conferences, and collaborative learning communities to guarantee that educators remain informed about the latest research findings and pedagogical developments. Within the realm of multicultural music education, educators must engage in professional development and proficiently include a wide range of music cultures in their instructional approaches. The primary emphasis should be placed on implementing culturally responsive pedagogies that incorporate diverse musical traditions into the curriculum. This approach should be supported by first-hand experiences that expose the students to various musical traditions. Additionally, fostering collaboration among educators is crucial to facilitating the sharing of effective teaching strategies and techniques. Ensuring the creation of inclusive and culturally sensitive learning environments is a key objective of educators' effective professional development (Naveenan et al., 2024).

The correlation between assessment strategies and learning outcomes remains complex. The inclusion of constructive feedback, the integration of formative assessment strategies, the alignment of assessments with instructional objectives, the utilisation of authentic and performance-based assessments, and the active engagement of students in the assessment process collectively enhance the achievement of learning outcomes. Implementing efficient assessment procedures can increase student engagement, facilitate a more profound understanding of the subject matter, and assist students in attaining their intended learning objectives (Barkley and Major, 2020).

H5: Providing professional development to teachers has a positive effect on students' learning outcomes in multicultural music education.

Methodology

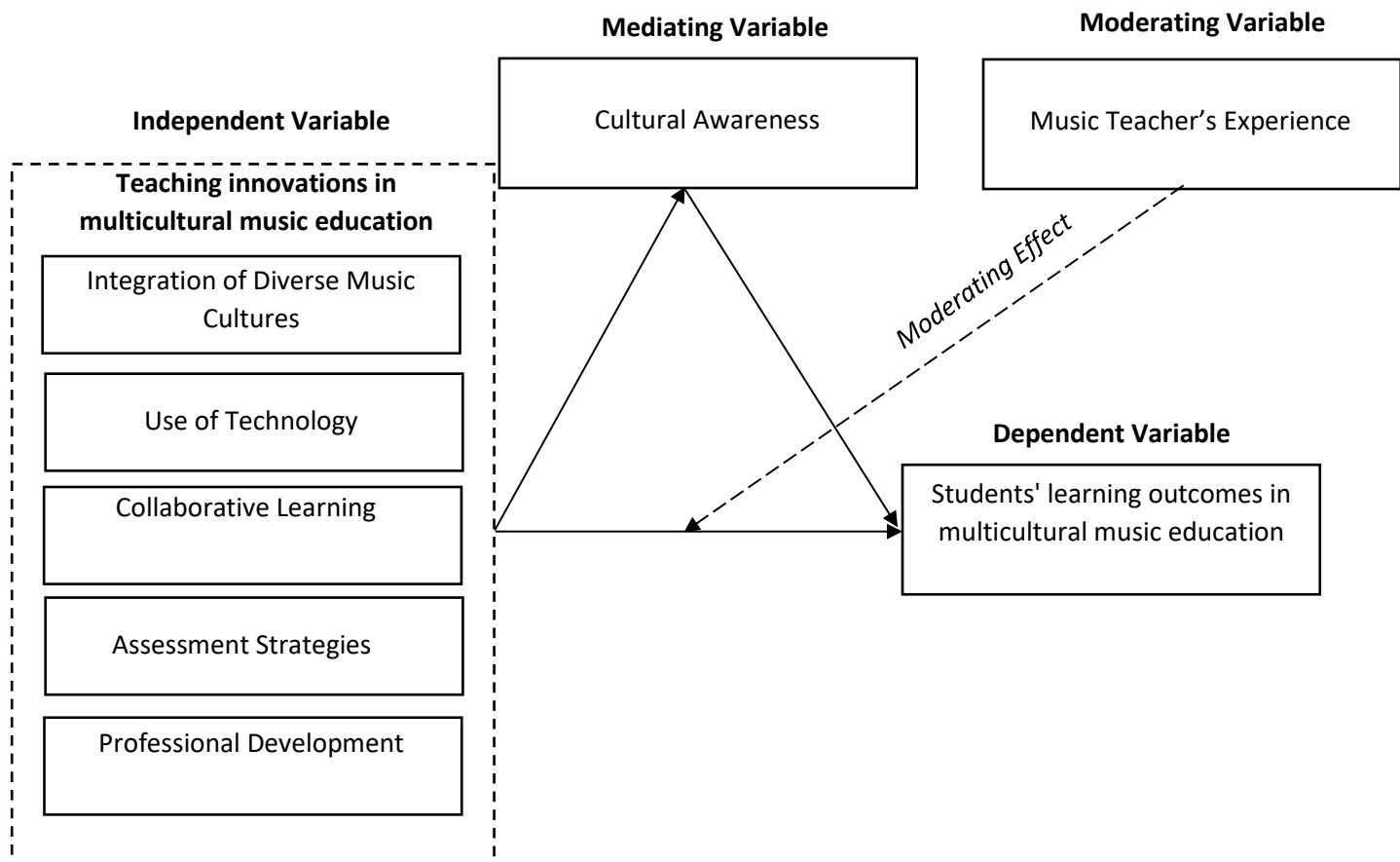
Population

A study conducted at Anyang Normal University in China focused on multicultural music education and teaching innovations. The target population of this study included individuals involved in the university's music department, including professors and students (Conway, 2020). The primary objective of this study was to include a heterogeneous cohort of music instructors with different levels of expertise, encompassing both experienced educators. It recently appointed faculty members who were actively engaged in teaching courses on multicultural music education at the institution. Furthermore, this study focused on a diverse cohort of music students enrolled in multicultural music education courses. This cohort included individuals from various cultural backgrounds, academic levels, and years of study at a university.

Sampling Method and Sample Size

The selection of a qualitative interview sample of 30 participants in the study of multicultural music education and teaching innovations at Anyang Normal University in China signified a deliberate and balanced approach. This choice is rooted in the fundamental principle of data saturation, which seeks to exhaust the emergence of novel information and ensure a comprehensive exploration of diverse perspectives and experiences related to research areas (Loang, 2023). It also considers the pragmatic aspects inherent in qualitative research, acknowledging the resource-intensive nature of interviews and associated tasks such as transcription, analysis, and interpretation.

Conceptual Framework



The conceptual framework of this study focuses on several key elements of multicultural music education, including integrating diverse music cultures, using technology, collaborative learning, assessment strategies, and professional development. The main dependent variable was students' learning outcomes in this context. Integrating diverse music cultures aims to expose students to musical traditions and enhance their cultural appreciation, thereby leading to improved knowledge and skills. Technology use enhances engagement and digital literacy. Collaborative learning fosters teamwork and cultural understanding. Assessment strategies guide students' progress and teachers are equipped with professional development. Cultural awareness mediated the impact of these elements, whereas teacher experience moderated the relationship between assessment strategies and student outcomes. This framework provides a comprehensive view of how these factors influence multicultural education.

Conclusion

The conceptual framework for promoting innovation in multicultural music education at Anyang Normal University in China was designed to transform teaching practices and enrich the educational experience. This framework integrates multiculturalism into music education, incorporating novel approaches and cutting-edge technologies to foster cross-cultural collaboration and to create a dynamic, inclusive music education paradigm (Howard, 2021). The university's unique cultural environment allows for customised programs that align with a wide range of musical traditions, contributing to discussions on cultural economics,

educational innovation, and the impact of globalisation on local educational institutions. Anyang Normal University's commitment to diversity and multicultural music education reflects its dedication to holistic and inclusive learning (Crawford, 2020). Ongoing evaluation, adaptation, and implementation are essential to maintain the usefulness and relevance of the framework. Universities play a prominent role in music education, inspiring innovation and cultural advancement. Equipping students with skills and knowledge prepares them for success in a globally interconnected society while honouring diverse musical traditions (Tichnor-Wagner et al., 2019).

Theoretical, Practical and Policy Implications

The conceptual framework of multicultural music education at Anyang Normal University in China has significant implications for theory, practice, and policy. Theoretically, it enriches our understanding of multiculturalism in education by demonstrating how different cultural perspectives can be practically incorporated, contributing to discussions of cultural diversity and educational adaptation (Prest, 2020).

This framework can potentially enhance student learning by promoting cross-cultural understanding and a greater awareness of cultural diversity by integrating diverse musical traditions. It emphasises the importance of accessible and effective music education that adapts to various cultural contexts and leverages technology (Prest, 2020). This framework calls for curriculum and institutional evaluations at the policy level, stressing the importance of multiculturalism in music instruction to promote tolerance and diversity. This may involve resource allocation for cross-cultural engagement, faculty training, and technological infrastructure. Advocating multicultural education in national education policies can further elevate the value of cultural diversity in Chinese schools (Prest, 2020).

Limitations and Recommendations for Future Studies

These limitations include contextual specificity, resource constraints, and challenges in implementing customised educational techniques. Future research could overcome these limitations through comparative analyses, longitudinal studies, cost-effective strategies, and qualitative research involving both students and faculty members. This iterative approach can enhance the adaptability of the framework, promote multiculturalism in music education, and lead to more inclusive and effective teaching methods.

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