

Comparative Analysis of Kodály, Suzuki, Dalcroze, Orff, and Gordon Music Learning Theory in Early Childhood Music Education: A Literature Review

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Abstract

Early childhood music education plays a crucial role in shaping cognitive, emotional, and social development. Among the various pedagogical approaches, the Kodály Method, Suzuki Method, Dalcroze Eurhythmics, and Gordon Music Learning Theory are distinguished for their unique philosophies and instructional techniques. This literature review provides a comparative analysis of these five prominent methods, focusing on their philosophical foundations, key features, educational goals, and implementation strategies. The Kodály Method emphasizes musical literacy and inner hearing through the use of folk songs, hand signs, and movable-do solfège. The Suzuki Method fosters musical ability and character development through early beginning, listening, repetition, and parental involvement. Dalcroze Eurhythmics integrates movement with music education, promoting rhythmic skills and musical expression through eurhythmics and improvisation. Gordon Music Learning Theory concentrates on audiation and sequential learning, aiming to develop comprehensive musicianship. The review underscores the rich potential of integrating multiple methodologies to enrich early childhood music education. By drawing on the strengths of Kodály, Suzuki, Dalcroze, Orff, and Gordon Music Learning Theory, educators can foster a comprehensive musical experience that nurtures diverse talents, enhances musical literacy, and cultivates a lifelong love for music among young learners.

Key Words: *Music Teaching Methods; Literature Review; Comparative Analysis*

1. Introduction

Music education in early childhood is widely recognized for its significant impact on cognitive, emotional, and social development. Various pedagogical approaches have been developed over the years to nurture young children's musical abilities and foster a lifelong appreciation for music (Costanza & Russell, 2017). Among these, the Kodály Method, Suzuki Method, Dalcroze Eurhythmics, Orff Schulwerk, and Gordon Music Learning Theory stand out for their unique philosophies and instructional strategies. Each method offers distinct perspectives on how music should be taught, emphasizing different aspects of musical learning such as literacy, aural skills, movement, and creativity.

The Kodály Method, developed by Hungarian composer and educator Zoltán Kodály, stresses the importance of starting music education at a young age and utilizes folk songs, hand signs, movable-do solfège, and rhythm syllables to develop musical literacy and inner hearing (Harrison, 2021). The Suzuki Method, founded by Japanese violinist Shinichi Suzuki, is based on the belief that every child can learn music in a nurturing environment (Hendricks, 2011). This

method emphasizes early beginning, listening, repetition, parental involvement, and learning by ear before reading music. Dalcroze Eurhythmics, created by Swiss musician Émile Jaques-Dalcroze, integrates movement and music, focusing on developing rhythmic skills, musical expression, and coordination through eurhythmics, solfège, and improvisation (Anderson, 2012). Orff Schulwerk, developed by German composer Carl Orff and his colleague Gunild Keetman, is a holistic approach that integrates music with movement, speech, and drama, emphasizing improvisation, creativity, and the use of simple percussion instruments to foster active music-making (Salmon, 2016). Finally, the Gordon Music Learning Theory, formulated by American music educator Edwin Gordon, centers on how students learn music, with a strong emphasis on audiation, sequential learning, and understanding and creating music (Eros, 2024).

This literature review aims to provide a comparative analysis of these five prominent music teaching methods in the context of early childhood music education. By examining the philosophical foundations, key features, educational goals, and implementation strategies of each method, this study seeks to highlight their contributions to the field and identify best practices that can enhance early childhood music education. Additionally, this review will explore the impact of these methods on student outcomes, offering insights into their effectiveness in nurturing young musicians.

In an increasingly diverse and globalized educational landscape, understanding the strengths and challenges of various music teaching approaches is essential for developing comprehensive and inclusive music education curricula. This literature review will contribute to the ongoing discourse on early childhood music education by providing educators, researchers, and policymakers with a nuanced understanding of these influential methods and their potential for fostering musical growth and development in young children.

Kodály Method in Early Childhood Music Education

The Kodály method, developed by Hungarian composer and educator Zoltán Kodály, has emerged as a prominent approach in early childhood music education, characterized by its systematic and holistic approach to musical learning (Harrison, 2021). Central to the Kodály method is the belief that musical literacy should begin at an early age and that every child has the innate ability to learn music (Dunbar & Cooper, 2020). The method emphasizes the use of singing as a primary tool for musical development, starting with folk songs and gradually introducing more complex musical concepts (Li, 2023). Kodály's approach incorporates solfège syllables (do, re, mi) and rhythmic syllables (ta, ti-ti) to teach pitch and rhythm, respectively (Palkki, 2010). Hand signs corresponding to solfège syllables are also employed to reinforce pitch recognition and internalization (Mete & Dündar, 2020). These structured pedagogical techniques aim to develop not only musical skills but also a deep understanding and appreciation of music within young learners.

Research has consistently highlighted the effectiveness of the Kodály method in enhancing musical abilities and literacy among young children (Tesch, 2023). Studies indicate that students exposed to Kodály-based music education demonstrate improved pitch accuracy, rhythmic proficiency, and a heightened sensitivity to musical nuances compared to their peers receiving traditional music instruction (Mason, 2012). The method's sequential and cumulative approach ensures a systematic progression in musical learning, laying a strong foundation for future musical endeavors (Luen et. al., 2017). Moreover, Kodály's emphasis on using high-quality, culturally relevant folk music resonates well with early childhood education principles of cultural responsiveness and inclusivity.

The Kodály Method is widely implemented in early childhood music education across various countries. In the United States, it focuses on singing, movement, and folk songs to develop musical skills, emphasizing sequential learning and active participation, which significantly enhances children's musical literacy and aural skills (Sinor, 1997). In Australia, the method is integrated through programs like the Australian Kodály Certificate, utilizing singing, solfège, and rhythm syllables in a way that aligns with children's natural learning processes. This playful and

engaging approach helps children develop a strong musical foundation and a love for music (Ban, 1976). The United Kingdom's application of the Kodály Method similarly emphasizes singing, games, and movement, making music education accessible and enjoyable for young children while developing critical skills such as pitch recognition, rhythm, and audiation (Davies, 1992). Hungary, the birthplace of the method, continues to lead in its implementation, with educational programs extensively incorporating Kodály's principles, ensuring a deep and comprehensive musical understanding from an early age (Hooker, 2013).

In contemporary educational settings, the Kodály method continues to evolve and adapt to meet the diverse needs of students and educators (Lierse, 2010). Recent trends include integrating technology to enhance learning experiences, incorporating diverse musical genres beyond folk music, and expanding the method's application to include early childhood music therapy and special education settings (Penny, 2012). Educators are increasingly exploring interdisciplinary approaches that integrate Kodály principles with other educational disciplines (Fauzi & Sarno, 2023), such as language development and social-emotional learning, thereby enriching the overall educational experience for young learners.

Despite its numerous strengths, the Kodály method faces challenges in implementation, particularly regarding the availability of trained Kodály educators and the need for ongoing professional development (Türkmen & Ozal, 2018). Furthermore, adapting Kodály's principles to different cultural contexts requires sensitivity and careful consideration of local musical traditions and educational practices (Zemke, 2014). The Kodály method stands as a robust framework for early childhood music education, grounded in the belief that music is an essential component of human development and cultural identity. Its systematic approach, emphasis on singing and folk music, and proven effectiveness in enhancing musical literacy make it a valuable asset in educational settings worldwide. As educators continue to innovate and adapt the method to suit diverse learning environments and cultural contexts, the Kodály method remains a cornerstone in fostering comprehensive musical development and a lifelong love for music among young children.

Suzuki Method in Early Childhood Music Education

The Suzuki method, developed by Japanese violinist Shinichi Suzuki, has garnered significant attention and adoption in early childhood music education worldwide (Hendricks, 2011). At the core of the Suzuki method lies the belief that musical ability can be developed in all children, akin to the way they acquire language through immersive listening and repetition. Central to this approach is the nurturing environment created by parents, teachers, and peers, which fosters a supportive learning community (Thibeault, 2018). The method advocates for starting music education at an early age, typically as young as three or four years old, and emphasizes ear training, imitation, and gradual progression in learning music (Hendricks & Bucci, 2019). Students begin by listening extensively to recordings of pieces they will later learn to play, mastering each piece through repetition and performance before formal instruction in reading musical notation (Hendricks et al., 2021).

The Suzuki Method in early childhood music education has been effectively implemented in various countries, showcasing its versatility and impact. In the United States, the Suzuki Method is extensively used, focusing on nurturing a love for music from an early age. Programs like Suzuki Early Childhood Education (SECE) emphasize parent involvement, where parents attend lessons with their children to reinforce learning at home. The method uses a combination of songs, movement, and various musical instruments to engage children and foster comprehensive development, including social, emotional, and cognitive skills (Suzuki Association of the Americas, n.d.). In Australia, the method is integrated into early childhood programs through initiatives like the Suzuki Talent Education Association of Australia (STEAA). These programs emphasize early music education to cultivate not only musical skills but also broader developmental benefits. The approach involves parents closely, ensuring that learning continues at home and that children receive consistent support and encouragement (Suzuki Talent Education Association of Australia,

n.d.). In the United Kingdom, the Suzuki Method has a significant presence, with programs catering to very young children. The method's focus on starting musical education early and involving parents has been well-received. These programs use a structured yet flexible approach, allowing children to learn at their own pace while ensuring deep and lasting engagement with music (Suzuki Association of the Americas, n.d.). As the birthplace of the Suzuki Method, Japan continues to lead in its application and innovation. Japanese programs are known for their rigorous training and emphasis on starting very young, often involving children as young as two or three years old. The method's success in Japan serves as a model worldwide, demonstrating the profound impact of early and consistent musical education (Knox Suzuki Academy, 2021). In Canada, the Suzuki Method is also popular, with programs designed to foster early musical engagement and development. These programs often highlight the method's holistic benefits, including improved concentration, discipline, and social skills, alongside musical proficiency. Canadian Suzuki programs maintain a strong emphasis on parental involvement and support, central to the method's philosophy (Suzuki Association of the Americas, n.d.).

Research underscores the Suzuki method's effectiveness in cultivating musical talent and fostering a deep appreciation for music among young children (Liu et. al., 2022). Studies indicate that children exposed to Suzuki-based music education demonstrate heightened musical sensitivity, advanced technical proficiency on their instruments, and a strong sense of musical expression and interpretation (Bugos & Mazuc, 2013). The method's emphasis on ear training and memorization promotes a natural approach to music learning, enhancing auditory skills and musical memory. Suzuki students often exhibit high levels of motivation and self-confidence in their musical abilities, attributed to the method's positive reinforcement and encouragement within a supportive learning environment (Eubanks, 2015).

The Suzuki method continues to evolve and adapt to meet diverse learning needs and cultural contexts (Chan et. al., 2015). Recent trends include expanding the repertoire to add a wider range of musical genres beyond classical music, and incorporating Suzuki principles into early childhood music therapy and inclusive education programs (Hendricks, 2011). Educators are exploring interdisciplinary approaches that combine Suzuki's music pedagogy with developmental psychology, and educational theories to enhance learning outcomes and promote holistic child development (Liu et. al., 2022).

Despite its many strengths, the Suzuki method faces challenges in implementation, particularly concerning parental involvement, consistency in practice, and adaptation to individual learning styles (Akutsu, 2020). The method's delayed introduction to reading musical notation can be a point of contention among educators and parents concerned with academic rigor and traditional music education standards. Future research directions include investigating the long-term effects of Suzuki-based music education on cognitive development, social-emotional learning, and academic achievement, as well as exploring adaptations for diverse cultural and socioeconomic contexts. Its proven effectiveness in fostering musical talent, enhancing auditory skills, and promoting positive social-emotional development underscores its relevance in educational settings worldwide (Geringer & Ellis, 2013). As educators continue to innovate and adapt the method to meet evolving educational needs and cultural diversity, the Suzuki method remains a cornerstone in cultivating a lifelong love for music and musical excellence among young children.

Dalcroze Method in Early Childhood Music Education

The Dalcroze method, developed by Swiss musician and educator Emile Jaques-Dalcroze, has significantly influenced early childhood music education with its innovative approach emphasizing movement, improvisation, and physical expression (Anderson, 2012). At the heart of the Dalcroze method is the belief that music learning should engage the whole body and senses, promoting a deep and embodied understanding of musical concepts (Juntunen & Westerlund, 2011). Central to Dalcroze's approach is eurhythmics, which involves rhythmic movement exercises that correspond to musical rhythms and phrases. Through eurhythmics, children develop rhythmic

precision, coordination, and a keen awareness of musical form and structure (Juntunen, 2016). The method also incorporates solfège singing and improvisation, encouraging spontaneous musical expression and creativity. Dalcroze educators often use props such as balls, scarves, and percussion instruments to facilitate movement and enhance musical experiences (Juntunen, 2016).

The Dalcroze Method in early childhood music education has been successfully implemented in several countries, highlighting its adaptability and positive impact. In the United States, institutions like the San Francisco Conservatory of Music and The Colburn School incorporate the method, emphasizing eurhythmics, solfege, and improvisation. This approach engages children through body movement and improvisation, enhancing their musical understanding and creativity (San Francisco Classical Voice, 2012). In the United Kingdom, the method integrates rhythmic movement, ear-training, and improvisation to foster both musical and cognitive development in young children (Dalcroze Society of America, n.d.). Switzerland, the birthplace of the Dalcroze Method, continues to lead in its application, with the Dalcroze Institute in Geneva providing rigorous training for teachers to ensure a deep musical understanding from an early age (Dalcroze Society of America, n.d.). In Japan, the method is adapted to local educational needs, focusing on improvisation and kinesthetic learning to help children develop coordination and listening skills (San Francisco Classical Voice, 2012). In Canada, the method is used to teach musical concepts in an engaging and physically active manner, promoting holistic child development (Dalcroze Society of America, n.d.).

Research underscores the effectiveness of the Dalcroze method in fostering musical understanding, expressive musicality, and kinesthetic learning among young children. Studies indicate that children exposed to Dalcroze-based music education demonstrate improved rhythmic skills, musical coordination, and a heightened sensitivity to musical phrasing and dynamics. The method's emphasis on experiential learning through movement enhances children's engagement with music, promoting a deeper appreciation for musical nuances and expressive interpretation. Dalcroze-trained students often exhibit increased confidence in their musical abilities and a strong sense of musical identity, rooted in their physical and emotional connection to music.

In modern educational contexts, the Dalcroze method continues to evolve with innovations that integrate technology (Comas Rubí et al., 2014), interdisciplinary approaches, and adaptations for diverse learning environments (Juntunen, 2020). Educators are exploring the integration of digital tools for eurhythmics exercises, virtual platforms for interactive music experiences, and collaborations with dance and theater disciplines to enhance musical and kinesthetic learning outcomes. The method's flexibility allows for adaptations that cater to children with diverse learning needs and abilities (Kivijärvi et. al., 2017), promoting inclusivity and accessibility in music education (Habron, 2016). Despite its many strengths, the Dalcroze method faces challenges in widespread adoption, particularly concerning educator training and the availability of specialized resources. Implementing eurhythmics and movement-based learning requires sufficient space and materials, which may be limiting in some educational settings. Educators also grapple with balancing the method's emphasis on physical expression with other educational priorities and curriculum requirements. The Dalcroze method remains a pioneering approach in early childhood music education, celebrated for its innovative integration of movement, improvisation, and musical expression. By engaging children in experiential learning that connects music with physical movement and sensory perception, Dalcroze educators cultivate a holistic understanding of music that extends beyond technical proficiency to include expressive interpretation and creative exploration. The Dalcroze method continues to inspire new generations of young learners, fostering a lifelong passion for music and a deep appreciation for the transformative power of musical expression and physical engagement.

Orff Method in Early Childhood Music Education

The Orff Schulwerk approach, commonly known as the Orff method, is a comprehensive, dynamic, and child-centered approach to music education developed by German composer Carl

Orff and his colleague Gunild Keetman. This method emphasizes the importance of active music-making, integrating movement, speech, singing, and instrumental playing, and is widely used in early childhood music education (Salmon, 2016). Elemental music is central to the Orff approach, referring to music that is fundamental, natural, and accessible to children, involving simple rhythms, melodies, and forms that can be easily understood and performed by young learners (Cary, 2012). The Orff method integrates music with movement, speech, and drama, allowing children to experience music in a multi-sensory way that fosters creativity and expression (Qiuju & Sukhumvat, 2023). Improvisation is a key component, encouraging children to explore and create their own music, promoting originality, spontaneity, and personal expression (Kwon & Lee, 2012). The Orff approach utilizes a variety of percussion instruments, such as xylophones, metallophones, and glockenspiels, specifically designed for ease of use by children, helping develop rhythmic and melodic skills (Long, 2012).

The Orff approach aligns with the natural play-based learning style of young children, incorporating games, stories, and imaginative play (Bilen, 2010). Orff lessons are carefully sequenced to build on previous knowledge and skills, ensuring that children progressively develop their musical abilities (Kayili & Kuşcu, 2021). Group activities and ensemble playing are central to the Orff method, fostering social skills, teamwork, and a sense of community. Studies have shown that the Orff approach effectively enhances musical skills, including rhythm, pitch, and musical expression (Wei, 2023). Children who participate in Orff-based programs demonstrate greater musical proficiency compared to those who do not. The Orff method has been linked to broader cognitive benefits, such as improved memory, language development, and spatial-temporal skills, contributing to overall academic success (Mu & Liu, 2023). Participation in Orff activities foster social interaction, cooperation, and emotional expression, helping children develop confidence, self-esteem, and a sense of accomplishment (Li et. al., 2023). The emphasis on improvisation and creative expression nurtures children's creativity and imaginative abilities, crucial for holistic growth and problem-solving skills.

The Orff Method in early childhood music education has been successfully implemented in several countries, demonstrating its versatility and positive impact. In the United States, the Orff Method is widely used in various educational settings. It emphasizes engaging children through a combination of singing, dancing, acting, and the use of percussion instruments such as xylophones, metallophones, and glockenspiels. This approach encourages children to learn musical concepts through play, improvisation, and composition, helping them develop both musical and cognitive skills (San Francisco Classical Voice, 2012). In the United Kingdom, the Orff Method is similarly influential. Programs integrate rhythmic movement, ear-training, and improvisation to teach music to young children. This method supports social, emotional, cognitive, physical, and even therapeutic development, making music education a holistic experience. The Orff UK organization offers practical training and resources to support educators in applying this method effectively (Orff UK, n.d.). Germany, the birthplace of the Orff Method, continues to lead in its application. German programs often involve rigorous training and comprehensive application of the method's principles, ensuring that children gain a deep and well-rounded understanding of music from an early age (San Francisco Classical Voice, 2012). In Australia, the Orff Method is embraced through initiatives like the Australian National Council of Orff Schulwerk (ANCOS). These programs emphasize learning through movement and improvisation, fostering creativity and musical understanding in young children (ANCOS, n.d.). In Canada, the Orff Method is integrated into early childhood education through programs that highlight its benefits for cognitive and social development.

The Orff method's emphasis on elemental music, integration of the arts, improvisation, and the use of child-friendly instruments makes it a highly effective approach in early childhood music education. Its implementation through play-based, sequenced, and collaborative learning strategies not only enhances musical skills but also supports cognitive, social, and emotional development. The Orff method's holistic and child-centered approach offers a powerful framework for fostering a lifelong love of music and creativity in young children (Meskic, 2017).

Gordon Music Learning Theory in Early Childhood Music Education

The Gordon Music Learning Theory (MLT), developed by music educator Edwin E. Gordon, offers a comprehensive framework for understanding how children learn music. Central to Gordon's Music Learning Theory is the concept of audiation—the ability to mentally hear and comprehend music without the presence of sound (Eros, 2024). Gordon posited that audiation forms the foundation of all musical understanding and proficiency, emphasizing the development of audiation skills through sequential learning processes (Gordon, 2011). MLT advocates for a holistic approach to music education, integrating tonal and rhythm patterns, singing, chanting, and movement activities to foster musical growth (Snyder et. al., 2024). Gordon's method emphasizes active music-making experiences that engage children in listening, responding, and creating music spontaneously, promoting both cognitive and musical development.

Research underscores the effectiveness of Gordon's MLT in enhancing musical aptitude, audiation skills, and overall musical proficiency among young children (McPherson & Welch, 2012). Studies indicate that children exposed to MLT-based music education demonstrate advanced listening abilities, improved rhythmic accuracy, and a deep understanding of musical structure and form (Pöder & Kiilu, 2015). The method's emphasis on tonal and rhythm pattern instruction facilitates the internalization of musical concepts, empowering children to recognize, imitate, and create musical patterns independently (Gordon et al., 2015). MLT-trained students often exhibit increased musical creativity, confidence, and a lifelong appreciation for music, rooted in their ability to audiate and understand music intuitively.

In contemporary educational contexts, Gordon's MLT continues to evolve with innovations that integrate technology, interdisciplinary approaches, and adaptations for diverse learning needs (Kraus & Chandrasekaran, 2010). Educators are exploring digital tools and interactive platforms to enhance audiation development, adaptive strategies for children with special educational needs, and collaborations with other arts disciplines to enrich musical experiences (Forrester, 2018). The method's flexibility allows for adaptations that cater to children with diverse learning styles and abilities, promoting inclusivity and accessibility in music education. Despite its widespread acclaim, Gordon's MLT faces challenges in implementation, particularly concerning educator training and the integration of audiation-based practices into existing music education curricula. Educators must undergo specialized training to effectively implement MLT principles and techniques, which can be resource-intensive and time-consuming. Additionally, adapting audiation-based practices to online and hybrid learning environments presents logistical challenges that require innovative solutions and ongoing research. Gordon's Music Learning Theory stands as a transformative approach in early childhood music education, emphasizing the development of audiation skills and a deep understanding of musical structure and expression. By fostering active music-making experiences that engage children in listening, responding, and creating music from an early age, MLT educators cultivate a lifelong love for music and empower children to become confident and expressive musicians. As educators and researchers continue to innovate and expand the application of Gordon's MLT, the theory remains at the forefront of educational excellence, ensuring that future generations of young learners benefit from its profound impact on musical development and cultural enrichment.

2. Discussion

All four methodologies—Kodály, Suzuki, Dalcroze, and Gordon—share the overarching goal of developing musicality, aural skills, and fostering a lifelong love of music. They recognize the importance of beginning music education early, capitalizing on the unique learning capabilities and receptiveness of young children. Despite this shared mission, each method employs distinct strategies to achieve these objectives, reflecting diverse educational philosophies and approaches.

The Kodály method emphasizes a highly structured approach to musical literacy. Central to this method is the use of solfège (do-re-mi), hand signs, and rhythm syllables to teach musical

concepts in a logical and sequential manner. This structured progression helps children build a strong foundation in music theory and sight-singing. Kodály's approach ensures that students develop a comprehensive understanding of musical notation and aural skills from an early age. However, the rigor of this structured sequence can sometimes be challenging for young learners, requiring a careful balance to maintain engagement and enjoyment. In contrast, the Suzuki method, emphasizes environmental immersion and imitation, akin to how children learn their native language. This approach involves extensive listening, repetition, and parental involvement. Children learn to play an instrument by ear before reading musical notation, fostering an intuitive understanding of music. While this method creates a supportive and nurturing learning environment, the delayed introduction of notation can be controversial. Critics argue that it might hinder the development of reading skills, though supporters believe it strengthens aural skills and musical expression. Emile Jaques-Dalcroze's approach, known as Dalcroze Eurhythmics, integrates music with physical movement to enhance musical understanding. This method leverages rhythmic movement, ear training, and improvisation, helping children internalize musical concepts through their bodies. Dalcroze's emphasis on kinesthetic learning makes it particularly effective for children who thrive on physical activity. However, the reliance on ample space for movement can be a limitation in certain educational settings. Additionally, this method's focus on physical expression may require educators to adapt their teaching styles to incorporate more active learning strategies. Edwin Gordon's Music Learning Theory (MLT) prioritizes cognitive development and the concept of audiation, which is the ability to hear and comprehend music mentally. MLT involves exposing children to various tonal and rhythm patterns, encouraging them to internalize these patterns before learning to read and write music. This method promotes individualized learning, allowing each child to progress at their own pace. The complexity and need for specialized training for educators are potential challenges, as understanding and implementing MLT requires a deep knowledge of its principles and techniques.

Balancing Strengths and Challenges

Each music education methodology brings distinctive strengths accompanied by unique challenges. Kodály's structured sequence is celebrated for its ability to establish a solid groundwork in musical literacy, ensuring students develop a thorough understanding of music theory and notation. However, its rigorous structure may pose difficulties for learners who require more flexibility or varied approaches. Suzuki's immersive method encourages an intuitive grasp of music by immersing students in a rich auditory environment and emphasizing imitation, fostering a deep musical understanding. Yet, the postponement of formal notation learning within Suzuki can provoke discussion among educators about its impact on overall musical literacy. Dalcroze's focus on movement engages kinesthetic learners effectively, enhancing rhythmic understanding and creative expression through physical interaction with music. Nevertheless, the practical application of Dalcroze can be constrained by the need for ample space and adaptability in classroom settings. Gordon's emphasis on audiation, the ability to mentally comprehend and interpret music, offers profound cognitive benefits, facilitating musical fluency and internalization of musical concepts. However, integrating Gordon's audiation theory requires educators to undergo specialized training to fully grasp its theoretical underpinnings and practical implementation in teaching. Orff Schulwerk, with its emphasis on elemental music, integration of arts, and use of simple percussion instruments, promotes active engagement and creativity in music-making. The use of speech, movement, and instruments helps children experience music holistically. However, the Orff method's reliance on specialized instruments and materials may present logistical challenges for some educational settings. Additionally, the method's open-ended and improvisational nature requires teachers to be adept at facilitating and guiding creative processes, which can necessitate extensive training and experience. Each methodology thus presents educators with opportunities to tailor music education to diverse learning needs while navigating the challenges inherent in their respective approaches.

Integrative Approach for a Holistic Music Education Program

Combining elements from the Kodály, Suzuki, Dalcroze, Orff, and Gordon methodologies enables educators to create a comprehensive and inclusive music education program that addresses diverse learning styles and needs. By integrating Kodály's ear training exercises, students develop strong foundational skills in music literacy and aural comprehension. Suzuki's emphasis on community and parental involvement fosters a supportive learning environment, enhancing motivation and engagement among young learners. Dalcroze's incorporation of movement activities not only appeals to kinesthetic learners but also facilitates a deeper understanding of rhythm and musical expression through physical engagement. Orff Schulwerk's integration of music, movement, speech, and drama, along with its use of simple percussion instruments, promotes active engagement and creativity in music-making. This method's holistic approach helps children experience music in a multi-sensory way, enhancing their creativity and expression. Meanwhile, Gordon's focus on audiation encourages students to internalize musical concepts, promoting cognitive development and musical fluency. By blending these methodologies, educators can harness the strengths of each approach, offering a rich and varied musical experience that nurtures comprehensive musical development and instills a lifelong passion for music in children from an early age. This integrative approach not only caters to individual learning preferences but also ensures that all students have the opportunity to thrive and grow in their musical abilities.

3. Conclusions

The implications drawn from the detailed review of the Kodály method, Suzuki method, Dalcroze method, Orff Schulwerk, and Gordon Music Learning Theory in early childhood music education highlight several key considerations. Each methodology offers unique approaches to teaching music, catering to different learning styles and developmental stages of children. Educators can benefit from understanding and integrating elements from these methodologies to create a more inclusive and effective music education program. Research consistently demonstrates that these methodologies enhance various aspects of musical development, such as pitch accuracy, rhythmic proficiency, and musical sensitivity. They also contribute to broader cognitive skills, social-emotional learning, and cultural awareness, reinforcing the holistic benefits of early music education. Despite their strengths, challenges such as the need for specialized educator training, logistical constraints (e.g., space for movement in Dalcroze), and debates over the sequencing of musical literacy (e.g., notation in Suzuki) require careful consideration in implementation. Modern adaptations include the integration of technology, interdisciplinary approaches, and adaptations for diverse cultural contexts. These innovations help to enhance engagement, accessibility, and relevance of music education in contemporary settings. Continued research is essential to explore long-term effects on cognitive development, academic achievement, and lifelong musical engagement. This includes investigating optimal combinations of methodologies and adapting them to meet evolving educational needs globally. Orff Schulwerk's emphasis on elemental music, the integration of arts, and the use of simple percussion instruments promotes active engagement and creativity in music-making. Its holistic approach helps children experience music in a multi-sensory way, enhancing creativity and expression. However, the Orff method also faces challenges, such as the reliance on specialized instruments and materials and the need for extensive teacher training to effectively facilitate and guide creative processes. Effective implementation of these methodologies necessitates ongoing professional development for educators to deepen their understanding, refine teaching practices, and navigate challenges effectively. The review underscores the rich potential of integrating multiple methodologies to enrich early childhood music education. By drawing on the strengths of Kodály, Suzuki, Dalcroze, Orff, and Gordon Music Learning Theory, educators can foster a comprehensive musical experience that nurtures diverse talents, enhances musical literacy, and cultivates a lifelong love for music among young learners.

References

- Akutsu, T. (2020). Changes after Suzuki: A retrospective analysis and review of contemporary issues regarding the Suzuki Method in Japan. *International Journal of Music Education*, 38(1), 18-35.
- Anderson, W. T. (2012). The Dalcroze approach to music education: Theory and applications. *General Music Today*, 26(1), 27-33.
- Australian National Council of Orff Schulwerk. (n.d.). About Us. Retrieved from <https://ancos.org.au/>
- Ban, L. G. (1976). *Problems and solutions in adapting the Kodály method for use in Australia* (Doctoral dissertation, University of Sydney).
- Bilen, S. (2010). The effect of cooperative learning on the ability of prospect of music teachers to apply Orff-Schulwerk activities. *Procedia-Social and Behavioral Sciences*, 2(2), 4872-4877.
- Bugos, J., & Mazuc, J. (2013). Semantic clustering and processing speed in Suzuki violinists. *Bulletin of the Council for Research in Music Education*, (198), 7-22.
- Cary, D. G. (2012). Kodály and Orff: A comparison of two approaches in early music education. *Uluslararası Yönetim İktisat ve İşletme Dergisi*, 8(15), 179-194.
- Chan, C. T., Cheng, K. T. L., & Chiu, D. K. (2015). Alert driven communications management for children music learning based on Suzuki method. *International Journal of Systems and Service-Oriented Engineering (IJSSOE)*, 5(3), 75-90.
- Comas Rubí, F., Motilla-Salas, X., & Sureda-Garcia, B. (2014). Pedagogical innovation and music education in Spain: introducing the Dalcroze method in Catalonia. *Paedagogica historica*, 50(3), 320-337.
- Costanza, P., & Russell, T. (2017). Methodologies in music education. In *Critical essays in music education* (pp. 255-266). Routledge.
- Dalcroze Society of America. (n.d.). What is Dalcroze? Retrieved from <https://dalcrozeusa.org/what-is-dalcroze/>
- Davies, M. L. (1992). *The influence of Orff and Kodaly on the development of the British primary school music curriculum*. University of London, University College London (United Kingdom).
- Dunbar, L., & Cooper, S. (2020). Speaking the same language: How the Kodály method promotes disciplinary literacy. *General Music Today*, 34(1), 14-20.
- ERŐS, J. (2024). GORDON MUSIC LEARNING THEORY. *The Oxford Handbook of Music Composition Pedagogy*, 405.
- Eubanks, K. (2015). *Essays in the Theory and Practice of the Suzuki Method*. City University of New York.
- Fauzi, M. Z., & Sarno, R. (2023, February). Recognition of Real-Time Angklung Kodály Hand Gesture using Mediapipe and Machine Learning Method. In *2023 International Conference on Computer Science, Information Technology and Engineering (ICCoSITE)* (pp. 980-985). IEEE.
- Forrester, S. H. (2018). Transfer of learning and music understanding: A review of literature. *Update: Applications of Research in Music Education*, 37(1), 30-35.
- Geringer, J. M., MacLeod, R. B., & Ellis, J. C. (2013). A descriptive analysis of performance models' intonation in a recorded excerpt from Suzuki Violin School Volume I. *String Research Journal*, 4(1), 71-88.
- Gordon, E. E. (2011). Roots of music learning theory and audiation.
- Gordon, R. L., Fehd, H. M., & McCandliss, B. D. (2015). Does music training enhance literacy skills? A meta-analysis. *Frontiers in psychology*, 6, 162184.
- Habron, J. (2016). Dalcroze Eurhythmics in music therapy and special music education. *Approaches: An Interdisciplinary Journal of Music Therapy, Special Issue*, 8(2), 100-104.
- Harrison, R. (2021). An introduction to the Kodály Method: Credited by UNESCO as an intangible cultural heritage. In *The Routledge companion to aural skills pedagogy* (pp. 298-305). Routledge.
- Hendricks, K. S. (2011). The philosophy of shinichi suzuki: "Music education as love education". *Philosophy of Music Education Review*, 19(2), 136-154.
- Hendricks, K. S., & Bucci, M. G. (2019). 'Everyone is always learning': Case study of a Suzuki-inspired preschool. *International Journal of Music in Early Childhood*, 14(1), 89-109.
- Hendricks, K. S., Einarson, K. M., Mitchell, N., Guerriero, E. M., & D'Ercole, P. (2021, March). Caring for, about, and with: Exploring musical meaningfulness among Suzuki students and parents. In *Frontiers in Education* (Vol. 6, p. 648776). Frontiers Media SA.
- Hooker, L. (2013). The Kodály and Rajkó Methods: Voices, Instruments, Ethnicity, and the Globalization of Hungarian Music Education in the Twentieth Century. *AHEA: E-Journal of the American Hungarian Educators Association*, (06), 1-21.

- Juntunen, M. L., & Westerlund, H. (2011). The legacy of music education methods in teacher education: The metanarrative of Dalcroze Eurhythmics as a case. *Research Studies in Music Education*, 33(1), 47-58.
- Juntunen, M. L. (2016). The Dalcroze Approach. *Teaching general music: Approaches, issues, and viewpoints*, 141-68.
- Juntunen, M. L. (2020). Ways to enhance embodied learning in Dalcroze-inspired music education. *International Journal of Music in Early Childhood*, 15(1), 39-59.
- Kayili, G., & Kuşcu, Ö. (2021). The effects of Orff-based attention-enhancing music education programme on impulsive preschool children's cognitive tempo. In *Music in the Lives of Young Children* (pp. 323-334). Routledge.
- Kivijärvi, S., Sutela, K., & Ahokas, R. (2017). A conceptual discussion of embodiment in special music education: Dalcroze Eurhythmics as a case. *Approaches: Music Therapy & Special Music Education*, 8(2).
- Knox Suzuki Academy. (2021). Suzuki Early Childhood Education. Retrieved from <https://knoxvillesuzukiacademy.com>
- Kraus, N., & Chandrasekaran, B. (2010). Music training for the development of auditory skills. *Nature reviews neuroscience*, 11(8), 599-605.
- Kwon, O. S., & Lee, O. J. (2012). The Effects of the Orff Approach to Music Education Programs on Young Children's Musical Expressiveness. *Korean Journal of Child Studies*, 33(1), 165-181.
- Li, Y. (2023). Interactive methods for improving musical literacy among students with preschool education Majors at Teacher Training Universities: The effectiveness of the Kodály method. *Education and Information Technologies*, 28(10), 12807-12821.
- Li, B., Wu, Q., Yang, X., & Li, J. (2023). Research on the Application of Orff Music Rhythm in Rural Preschool Children's Education. *Art and Performance Letters*, 4(6), 29-35.
- Liu, X. C., Wang, I. T., & Wong, K. Y. (2022). The Effectiveness of Suzuki Piano Teaching Method in Adult Beginner Piano Class. *Sciences*, 12(5), 118-130.
- Lierse, S. (2010). The kodály method in the twenty-first century. *Bulletin of the Transilvania University of Braşov* • Vol, 3, 52.
- Long, A. (2012). Involve me: Using the orff approach within the elementary classroom.
- Luen, L. C., Ayob, A., Wong, C., & Augustine, C. (2017). Kodaly's teaching method increasing preschool children's solfege singing skills. *International Journal of Academic Research in Business and Social Sciences*, 7(3), 340-347.
- Mason, E. (2012). Idea bank: Using Kodály to promote music literacy skills. *Music Educators Journal*, 99(1), 28-31.
- McPherson, G. E., & Welch, G. F. (Eds.). (2012). *The Oxford Handbook of Music Education, Volume 1*. Oxford University Press.
- Meskic, I. (2017). THE ROLE OF THE ORFF APPROACH IN DEVELOPING YOUNG CHILDREN'S MUSICALITY. *KNOWLEDGE-International Journal*, 19(3), 1247-1249.
- Mete, M., & Dündar, M. (2020). The Effect of Kodaly method on the musical knowledge and skills of preservice teachers. *Elementary Education Online*, 19(4), 2053-2073.
- Mu, R., & Liu, D. (2023). Music Teaching Of Preschool Education Major In Colleges And Universities In Hebei Province From The Perspective Of Orff Teaching Method. *Multicultural Education*, 9(4).
- Orff UK. (n.d.). About Orff. Retrieved from <https://www.orff.org.uk/about-orff/>
- Palkki, J. (2010). Rhythm Syllable Pedagogy-A Historical Journey to Takadimi Via the Kodály Method. *Journal of Music Theory Pedagogy*, 24(1), 5.
- Penny, L. L. (2012). *The Kodály method and tonal harmony: An issue of post-secondary pedagogical compatibility*. University of Ottawa (Canada).
- Pöder, K., & Kiilu, K. (2015). The formation of musical identity. *The European Journal of Social & Behavioural Sciences*.
- Qiuju, L., Pattananon, N., & Sukhumvat, S. (2023). Applying Carl Orff Method in Preschool Music Education in China. *Journal of Modern Learning Development*, 8(4), 283-290.
- Salmon, S. (2016). How the Orff approach can support inclusive music teaching. *Exceptional music pedagogy for children with exceptionalities: International perspectives*, 1-30.
- San Francisco Classical Voice. (2012). What is the Dalcroze Teaching Method? Retrieved from <https://www.sfcv.org/articles/feature/what-dalcroze-teaching-method>

- Sinor, J. (1997). The Ideas of Kodály in America: This article on the application of Zoltán Kodály's teaching method in the United States was first published in the Music Educators Journal in February 1986. *Music Educators Journal*, 83(5), 37-41.
- Snyder, J. S., Gordon, R. L., & Hannon, E. E. (2024). Theoretical and empirical advances in understanding musical rhythm, beat and metre. *Nature Reviews Psychology*, 1-14.
- Suzuki Association of the Americas. (n.d.). Building the Foundation for a Lifetime: Suzuki Method for Early Childhood Education. Retrieved from <https://suzukiassociation.org>
- Suzuki Talent Education Association of Australia. (n.d.). Retrieved from <https://suzukimusic.org.au>
- Tesch, J. (2023). *Kodály in the Classroom: A Study of the Kodály Method and Its Application and Effectiveness in Elementary Music* (Doctoral dissertation, North Greenville University).
- Thibeault, M. D. (2018). Learning with sound recordings: A history of Suzuki's mediated pedagogy. *Journal of Research in Music Education*, 66(1), 6-30.
- TÜRKMEN, E., & ÖZAL GÖNCÜ, İ. L. K. N. U. R. (2018). The challenges encountered in the application of Kodály method in Turkey. *Journal of Education and Training Studies*, 6(9).
- Wei, H. (2023). A Study of the Orff Teaching Method on Interpersonal Skills, Self-Esteem, and Well-being of Music Education Undergraduates. *Journal of Arts & Cultural Studies*, 2(1), 1-25.
- Zemke, L. (2014). Kodály Music Education: Reminiscences and Challenges. *Kodály Envoy*, 40(3).