

From Infant to Adolescence: The Impact of Music as a Tool for Child Development

Precious Kufre, Udoh (PhD)

Music Programme, Bowen University, Iwo. Nigeria

precious.udoh@bowen.edu.ng

ORCID: 0009-0008-6399-2277

DOI: <https://doi.org/10.5281/zenodo.23182877>

Received: 10-09-2026

Accepted: 25-09-2026

Published: 05-10-2026

Precious KufreUdoh has a PhD in Composition from NnamdiAzikiwe University, Awka. He is a researcher, composer, and musicologist whose area is in African indigenous art music composition; with keen interest in Ibibio traditional works and accompaniment, aimed at continuous revival and documentation of Ibibio folksongs and music, using their folk materials. Udoh, P. K., a music enthusiast with several publications and compositions in Ibibio, Yoruba, Igbo and English languages, is a teacher who lectures at the Music Programme, at Bowen University, Iwo. Nigeria.

ABSTRACT

Every stage of life has music to suit it. Even for every circumstance or event pertaining to routine tasks, such as sleeping, walking out, reading, and relieving tension. It's also employed in healing and meditation. Therefore, it is clear that music has a profound impact on children's development that goes beyond mere entertainment. This influence, which can have a favorable or bad effect, has an impact on a child's growth in all areas. The type of music a child is exposed to has an impact on whether or not their development will be such that it can boost their intellectual and physical capacities. Over time, it has been discovered that music has the ability to support a child's social, physical, and emotional development. When taught how to play an instrument, music is one effective tool that a child may be exposed to and engaged with to assist create a sustained improvement. This is because all of the child's sensory neurons, muscles, and fingers develop during this phase as a result of appropriate focus, helping the child to have some sort of talent that stimulates the brain and improves critical thinking and memory, which in turn leads to problem-solving abilities. This study aims to emphasize some of the positive effects that music has on children's development, taking into account how it can unite children and help them develop cultural awareness, cooperation, and teamwork as they grow.

Key words: Child, CriticalDevelopment, Music, Instrument, Growth.

I. INTRODUCTION

Many distinct creatures in the natural world can make music, and because humans are naturally perceptive, we can identify these sounds as musical. Furthermore, people may practically perform and even hear music in their heads because it is intuitive. In general, one learns about music by recognizing particular sound combinations and the feelings they arouse. The spectrum of reactions can cover the entire gamut of human emotions, regardless of the type of music, whether it's a depressing folk ballad or an intricate orchestral work that requires a high degree of mental effort. As a result, music is a universal language through which to express human experience. An essential component of culture is music. It has the power to stir up long-standing customs or inspire social change in people. One of music's most significant qualities is its capacity to link listeners to social and cultural experiences. Vibrant reactions to music are common, and in the 20th century, the international appeal of jazz, blues, folk, and rock &

roll promoted egalitarian values and helped reduce sexual norms. The 21st century has seen an unprecedented global exposure and impact for musicians and composers due to the widespread distribution of emotionally charged music via new electronic mediums. Throughout human history, music has been an essential part of society and a universal language that transcends all cultural boundaries. Beyond being merely lovely and enjoyable, music has a profound effect on people's development, particularly when it comes to newborns, toddlers, teenagers, and even adults to some extent. According to studies, listening to music can improve one's capacity for critical thought, memory recall, and problem-solving. For example, learning to sing or play an instrument can promote persistence, discipline, and patience, all of which are essential for a child's overall development.

According to the New World Encyclopedia of 2023, music is a type of aural art that consists of meaningful combinations of sounds in relation to

pitch, rhythm, and tone. The University of Nottingham (2023) defines child development as the process through which a child changes over time. It encompasses the entire life cycle, from conception to the development of an adult into a fully functional adult. From complete reliance to complete freedom is the road.

Physical Growth of a Child

Physical growth is a part of childhood development, along with intellectual, cognitive, emotional, and social development. Although these aspects are interdependent, they are often considered in isolation. For example, intellectual ability increases with physical brain growth. After that, a youngster can explore their social environment more fully, become more adept at expressing their feelings about it, and acquire the language needed to do so. Still, there is a direct bearing this research has on the ongoing evolution of the physical brain. Music has the power to evoke intense emotions and offer a medium for individual expression. Youngsters commonly use music to communicate their feelings and experiences, which helps them become more empathetic and emotionally intelligent. Whether they create their own melodies or just sing along to their favorite songs, music may be a tool that helps individuals to explore and understand their emotions. Music is a common element. It may bring children together, promoting collaboration and cooperation. Through group activities such as ensemble performances or choir singing, children are taught the virtue of peaceful cooperation with others.

Furthermore, music helps bridge cultural divides by exposing children to a range of traditions and perspectives. It encourages mobility and coordination. There are several genres in music, which are typically referred to as their types. Dancing to music, for example, can enhance a child's motor abilities and physical development. In this way, music promotes a healthful, all-encompassing approach to development that benefits both the body and the mind. Not only can music enhance academic pursuits but it has important real-world applications for parents, teachers, and other caregivers. It has the power to mold children's lives. The process of child development is complex and multifaceted, involving different facets of a child's growth and development from birth to puberty. It entails changes in the child's body, mind, emotions, and social interactions, all of which have an impact on their growth and long-term wellbeing. Hence, policymakers, educators, caretakers, and parents must all have a solid understanding of child development since it affects how we raise and assist the future generation. It is an exploration of

melody, rhythm, and harmony that provides priceless insights into the enormous influence that music has on the developing minds of our future generations. In order to highlight the benefits of music for the development of young brains and lay the groundwork for a more thorough investigation, this introduction explores the concepts of music, child development, forms of music, and the potential of child growth.

The Art of Music

In music, sound and rhythm are combined to create a melodic line that serves a purpose. The very nature of music encompasses cultures, time, and place.

A mood can be conveyed through music without using words. It can also be expressed and documented in a written language that is distinct from all other forms of art. The history of music is a vast subject that takes a lot of thought and patience. Prehistoric periods saw the invention of music as an old art form. It brings with it the historical record of every human society over time. Despite the wide range of definitions, music is universal across cultures since it has always been an integral part of life in every society. Fundamentally, music was transmitted orally for ages, but formal recorded music originated with the written tradition created by medieval monks between 500 and 1400AD (Study.com, 2023). Sound is arranged in time to create art, and that art is called music. Another type of entertainment is music, which combines sounds in a way that listeners enjoy, find fascinating, or find upbeat enough to dance to. Every human community incorporates music, in one form or another. There is a dizzying array of styles in modern music, many of which are contemporary and others that date back to earlier periods. The art of music is complex; it is easily associated with words, as in song, and with movement, as in dance. The majority of music features vocalists and musicians playing instruments including the violin, piano, guitar, and drums etc. The Greek word 'mousike,' which meaning 'of the Muses,' is where the term "music" originates. The Muses were the goddesses of dancing, music, poetry, and art in classical Greece. A musician is a person who creates music (basic wikipedia.org, 2023). In the words of Epperson (2023), music is an artistic endeavor that involves blending vocal or instrumental sounds to create beautiful forms or convey emotions. Typically, this is done in accordance with cultural norms of rhythm, melody, and harmony, which are prevalent in most Western music. The straightforward folk ballad and the intricate electronic piece are both parts of the same musical endeavor. Both are intellectual and aural;

they are also human-engineered. These characteristics have been present in music across all genres and historical eras.

Developmental Stages of a Child from Infant to Adolescence

The biological, psychological, and emotional changes that take place in people between birth and the end of adolescence are referred to as child development (Wikipedia, the free encyclopedia, 2023). Child development, according to Child Sense Child Development Corporation Pty Ltd (2023), is the series of changes that take place in a child's body, mind, and emotions from birth until the start of adulthood. A child grows from totally reliant on their parents or guardians to being more self-reliant during this process. Both prenatal events and genetic factors genes acquired from one's own parents have a significant impact on a child's development. Facts about the surroundings and the child's learning potential also have an impact. The focus of child development is on the changes that take place during childhood; some people extend this to the prenatal stage due to the effects of this era on adolescent and subsequent development. According to Levin (2023): Growth can be discontinuous, representing specific changes like learning to speak, or continuous, showing more stable traits like mindset.

The Development of a Child

The progression of a child's physical, linguistic, cognitive, and emotional changes from birth to the start of adulthood is referred to as child development. In order to make sure children reach their 'developmental achievements,' it's crucial to observe and track their progress. Facts about the surroundings and the child's learning potential have an impact in the child's development. A child's moves from being completely dependent on their parents or guardians to being more independent during this process depends on both prenatal events and genetic factors, genes inherited from child's parents; and these also have significant impact on a child's development. Wikipedia.org (2023) defines child development as the biological, psychological, and emotional changes that take place in people from the time of birth until the end of adolescence. A helpful guide for optimal development is provided by developmental stages, which are a 'loose' list of developmental abilities that are thought to be acquired by all children at around the same period but are far from exact (Childdevelopment.com, 2023). The term 'child development' describes an individual's growth and development, which includes the changes they go through in infancy and adolescence in terms of their physical, cognitive, emotional, and social

aspects (Elizabeth 2011). The process through which a child evolves over time is known as child development, according to the University of Nottingham (2023). It encompasses the entire life cycle, from conception to the development of an adult into a fully functional adult. From complete reliance to complete freedom is the road. Physical development is a part of child development, along with intellectual, verbal, emotional, and social growth. Even though these factors are frequently taken into account independently, each actually affects the others. A child can then go deeper into their social world and develop their emotional reactions to it as well as the words to explain it. However, this exploration also has a direct impact on the child's continued physical brain growth. Child development is the expansion of a child's mental, emotional, behavioral, and perceptual capacities during childhood. Childhood is the stage of life that spans from the time that a child learns to speak at the age of one or two to the beginning of adolescence at the age of twelve or thirteen (The Editors of Encyclopedia Britannica, 2023).

The Implication of Child Development

Child growth chances are strongly correlated with the availability of high-quality education. In 'Mind in Society,' Lev Vygotsky's socio-cultural theory is examined, and it highlights the importance of education in promoting cognitive development. Reputable early childhood education has a big impact on a kid's future opportunities. The ecological systems theory of Urie Bronfenbrenner, which is discussed in 'The Ecology of Human Development,' emphasizes the significance of community and family support in influencing a child's development. The future chances of a child are significantly impacted by these support networks. Environmental and cultural influences also have an impact on a child's growth possibilities. The options available to a child might be enhanced or limited by cultural practices, traditions, and socioeconomic circumstances. It is crucial to comprehend these factors, as explained by researchers such as Annette Lareau in 'Unequal Childhoods,' in order to address differences in children's development possibilities. Support services and early intervention programs are essential for children with developmental disabilities. These programs, which include counseling, special education, and speech therapy, can greatly increase a child's chances of having a successful future.

These chances are significantly impacted by parenting styles and caregiving techniques (Woolfolk 2012). Parenting research, like Diana Baumrind's parenting styles study, enables us to comprehend how various methods impact kids'

development. Longitudinal studies, like the Dunedin Multidisciplinary Health and Development Study, provide information about how early experiences affect an adult's health, education, and socioeconomic standing, among other long-term consequences of child development.

The Intricacies of Child Development

Child development is an intricate and diverse procedure that includes different facets of a child's growth and development from birth to puberty. It involves changes in the child's body, mind, emotions, and social interactions, all of which have an impact on their development and long-term well-being. Policymakers, educators, caregivers, and parents must all have a solid understanding of child development since it affects how we raise and assist the future generation. The future success and contribution of children to society, in addition to their current well-being, are all included in the important and complex subject of child development prospects. According to Robinson (2012): It includes a variety of elements, such as social skills, emotional stability, cognitive growth, and physical health. The future of child development has important ramifications for society, and scholars and professionals in the field have advanced our knowledge of this vital subject. A child's chances of developing physically are strongly correlated with their overall health and wellbeing. For a child to grow physically, adequate nutrition, access to healthcare, and a safe environment are necessary. Potential for the future are enhanced by early childhood health, according to research conducted by UNICEF and the World Health Organization. A child's chances are greatly influenced by their cognitive development since it has an impact on their capacity for learning, problem-solving, and global adaptation. According to 'The Psychology of Intelligence,' Jean Piaget's research on cognitive development emphasizes the long-term effects of early cognitive development on a child's potential.

The Emotional Development of a Child

A child's chances are greatly influenced by their emotional development. A child's emotional health is influenced by a number of critical elements, including resilience, emotional regulation, and secure bonds. According to John Bowlby's attachment theory, which is covered in 'Attachment and Loss,' early emotional events have a lasting effect (Alegre 2012). A child's capacity to build relationships and engage in social interactions is shaped by their early social development. The psychosocial theory of Erik Erikson, expounded upon in 'Childhood and Society,' emphasizes the

essential nature of social development within the frameworks of confidence, independence, and entrepreneurship. These factors collectively impact a child's future opportunities as an adult.

The Impact of Music on Child Development

Specialists in eliciting some of the impact of music on child development have confirmed that learning music has been connected to better academic achievement in other areas of study. It's becoming more and more crucial for children to be exposed to music in today's environment in order to stay competitive. It has been demonstrated that children who listen to music have improved gross and fine motor skills. Playing an instrument can help to build finger strength and improve hand-eye coordination. According to studies, infants who are exposed to music have better timing, balance, coordination, and overall sense of organization in their motions. It has been demonstrated that music has far-reaching developmental benefits for children. Early in life, infants find solace in melodies, and they will pay closer attention to sounds they hear. Additional exposure to music as a child gets older can aid in stimulating their cognitive capacities. These include organizing, linguistic proficiency, including reading comprehension such that the child is sensitized to see the comic side of it. There are many ways you may use music to teach your child to move while having fun, from playing instruments like the piano or guitar to doing regular drum circles with family members! Children's motor skill development is a crucial milestone, and using music's therapeutic effects to aid in it doesn't hurt (Childrecentral.net, 2023). Children who are exposed to music will acquire a quicker understanding and grasp of spoken language. Furthermore, music can improve an individual's understanding of word meaning, pronunciation, and interpersonal interactions. It can aid in the development of reading comprehension skills, enabling kids to take in information from books and articles more effectively. Emotions are strongly affected by music. For this reason, it may have a significant impact on a child's emotional intelligence development. According to studies, children who are exposed to music develop their ability to express themselves more effectively. It uses sound to access various emotions or experiences.

Parental Impact on Music for Child Development

According to recent studies, listening to music can significantly enhance academic performance in a variety of domains. They have shown that when instruction is given through melody, rhythm, and song, children learn the content more rapidly and

efficiently. Children can stay interested with music for hours on end, and it can also help them become more organized and do better in school. Happy music encourages more nontraditional thinking, which is essential to the basis of creativity. It makes natural that music influences creative thinking as well, given that it has been demonstrated to boost learning and improve cognition. Additionally, creativity has a significant role in the composition of music and is useful in the ideation and development of songs during the songwriting process (Elcacenters.com 2023). Additionally, research has demonstrated that listening to music fosters creativity, strengthens problem-solving skills, and improves verbal memory. Students' levels of attention much enhance when they listen to traditionally prepared music while doing their schoolwork or studying for exams. It is not advisable for parents to allow their child playing by themselves while listening to music in the background and think that this will automatically promote development. Communication is essential.

A child's self-perception can only be enhanced by music engagement if it offers a pleasant, fulfilling educational experience (Alex 2023). Whether your child aspires to be an actress or artist or just wants to arm themselves with the means to forge fruitful relationships, this is a lifelong talent. Children are profoundly affected by music because it increases levels of comprehension, enhanced imagination, and a better grasp of abstract ideas have all been related to music. Children are inspired by music to express themselves in a variety of ways, whether it is by writing stories or creating drawings.

II. CONCLUSION

The study comes to the conclusion that music is a potent tool for mental, social, psychological, and physical development, far more than just a kind of enjoyment. Music breaks down barriers by bringing children from different backgrounds together and fostering a feeling of togetherness. Children gain important skills in cooperation and communication when they participate in group activities and discover the thrill of creating music together. Dancing is encouraged by music, which also enhances flexibility and health. This study makes it very clear that music is essential to a child's whole development and not just a fun past time. Music improves critical thinking, memory, and problem-solving abilities by stimulating the brain. Singing or playing an instrument teaches discipline and tenacity, traits that are beneficial outside of the music industry. When it comes to feelings music offers a channel for both understanding and communicating challenging feelings as well as a means of self-expression. It fosters mental agility,

empathy, and a lifetime love of the arts. Children come together via music, which promotes collaboration, collaborative thinking, and communication between cultures.

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