

The Effects of Arts Education on Academic Achievement

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ABSTRACT

Arts education plays an important role in enhancing academic performance by fostering creativity, cognitive development, and engagement in students. This study examines the impact of arts education on academic achievement, with a focus on integrating arts into the core curriculum. Drawing from theoretical frameworks such as Multiple Intelligences theory and empirical evidence, it emphasizes the positive correlation between participation in arts education and improved outcomes in reading, mathematics, language, and social skills. However, the debate on resource allocation and implementation challenges persists. Recommendations include advocating for comprehensive arts integration policies, professional development for educators, and equitable access to arts programs, ensuring that arts education becomes an essential component of holistic learning and educational reform.

Keywords: Arts education, Academic achievement, Curriculum integration, Creativity and cognition, Educational policy, Multiple Intelligences theory.

INTRODUCTION

Public engagement with the arts includes arts in education, concerts, readings, roadshows, festivals, arts organizations, etc. Arts have been part of school curricula for years. Empirical research on arts-related subjects implies that pupils in arts-rich schools show improvements in their reading, language, writing, and mathematical skills. The translation of those findings is that arts possess inherent value in boosting these skills. Arts educators insist that pupils should explore their own forms of expression and show us their understanding of academic subjects. To do so, they should be prepared and comfortable with playing, creating, and ultimately failing forward — the heart of the creative process that can benefit their learning experiences in diverse academic disciplines. It is not a coincidence that the creative process underlies the problem-solving stages of instructional design activities [1, 2]. There has been a growing interest in and recognition of the cognitive, emotional, and social effects of arts engagement. Relating these positive effects to school arts education, it may be hypothesized that arts can contribute to improved performance in other subjects as well as overall academic achievement. Educational specialists, however, have debated introducing the arts into public school curricula versus the perceived value of allocating scarce educational resources. In recent years, the United States has seen numerous art integration projects targeting pupils in elementary through high school. Indeed, a new report delivers a balanced perspective that addresses arts education in the context of education reform. Arts have been raised as an educational issue once again. A series of national forums were organized to raise awareness of the critical leadership and policy decisions facing state education decision-makers as they contemplate the role of arts education in developing a comprehensive curriculum for all students. The report does not provide answers but is designed to underscore and frame issues to be addressed in the evaluation of arts in the schools of tomorrow. There is a clear interest and need internationally and nationally to discuss the linkages between arts education and academic achievement. The following are various opinions presented on this critical linkage [3, 4].

Theoretical Frameworks and Research Studies

Some theoretical frameworks accustomed to discussing the functioning of intelligence and education emphasize ingenuity and creativity. "Multiple Intelligences" theory has the characteristics of engagement with content and the student's expanded knowledge of the curriculum. These theories respond to the

postmodern school, addressing the problem of "basic skills" and their necessity for social inclusion. In Brazil, authors reinforce the bonds between arts education and cognitive development, dyadic relationships (art and perception), and allow systems for education and culture a broader understanding of art education policies [5, 6]. "Waldorf" pedagogy in Austria, developed at the beginning of the twentieth century, is founded on the concepts of multiple intelligences, where teaching is predominantly built through the senses. It's truly empirical and popular wisdom-oriented education has had a strong literary record in Brazil. In Brazil, the listener set out to analyze the relationships between interpreting behavior and the concept of creativity, also emphasizing "perceptual performance". In light of the outlines, some studies are worth mentioning. Some research related to music and the improvement of verbal memory systematizes some findings. A book and a dissertation assessing empirical programs in Brazil by hearing specialists address the question of how arts-based programs can contribute positively to children's academic performance. In the face of well-functioning arts access programs that seek to broaden their understanding, a critical approach is underway [7, 2].

Empirical Evidence and Case Studies

There exists a wealth of research studying the effects of arts education integrated across academic disciplines that span a combination of qualitative and quantitative methodologies. In addition to this empirical evidence, there are also many case studies of both successful and unsuccessful programs that report hard data on changes in student outcomes due to the inclusion of the arts [8, 9]. There is, in fact, a plethora of similar research that reports evidence attesting to the mentioned benefits experienced through the integration of the arts into core academic subjects. Further, research was conducted in a diverse range of settings including the inner city, rural schools, a school with a high Latino population, and multiple underperforming states. Many studies reported a "culture" of low standards in the student population and a prevalent attitude of not caring about school. Ultimately, this lack of concern for academics was evident in student scores below the national average [10, 11]. However, not all case studies of arts integration have been linked to an increase in academic achievement. Some case studies present the exact opposite: a decrease in test scores, an increase in discipline problems, and a decrease in school stability, all of which led to the closure of the schools. Nonetheless, the evidence indicates a positive relationship between success in the arts and success in academics. Further, many students who participate in a variety of music and art classes during their educational career are collected for the research and compared against those who did not. The focus of these programs is more as an avenue of therapy rather than academic improvement. Yet, students who participate in these programs show significant improvement in academic and standardized test scores [12, 13].

Implications For Educational Policy and Practice

In light of the extensive positive academic benefits of arts education, educational policy, and practice should focus on making the arts a subject in the core curriculum for every student. Creating space in the curriculum for the arts, however, will not be enough to foster increased academic attainment in students. The educational environment must also foster a love and understanding of creative endeavors. Lawmakers, therefore, should work to develop outreach programs that support practices that integrate the arts and education. Furthermore, if a child's socioeconomic status is a primary limiting factor for arts education, then the law must also address the issue of access to arts education. For teachers to successfully integrate arts into the core curriculum, at least three groups of people must be equipped. First, professional development programs should be made available to instructors. These programs should emphasize methods to make arts education more engaging and integrate subjects to produce a coherent and whole curriculum. Second, teaching artists must be prepared to share their artistic knowledge with self-assured teachers. They should also be trained to assist students in learning through the arts. Third, children who are interested in the arts should be prepared for a professional life in the arts. Thus, art-based industry training is essential. In conclusion, our current educational practices are products of a variety of traditions, many of which devalue the arts. To deem the arts a fundamental aspect of any educational core curriculum, our priorities must first be reevaluated. Educators and lawmakers must then form partnerships between school systems and community-based organizations. Such cross-sector collaboration will satisfy current advocacy arguments for all students to have the right to an arts education, offer teaching artists job security, coincide with the educational policy's emphasis on systemic education reform, and provide businesses and their communities with the trained workforce necessary for continued growth and development [14, 15].

Future Directions

Future research needs to focus on integrating the arts within the curriculum rather than examining the level of participation. This will ensure that the gains observed in the arts education studies that do integrate the arts into the school day are due to the content of the arts rather than the amount of time

spent doing the arts. Further, time spent doing the arts may not alter how other subjects are taught—a key element proposed for the success of arts integration. Advocating for the integration of the arts requires synthesizing what has been learned from all of the arts education approaches. In addition, future research should focus on examining the long-term impacts of the arts on academic achievement, a noted limitation of the current state of research [16, 17].

CONCLUSION

Arts education holds significant potential in boosting academic achievement across diverse disciplines, offering cognitive, emotional, and social benefits. Despite occasional setbacks in case studies, a majority of research validates the positive correlation between arts integration and improved academic outcomes. To harness these benefits, educational policymakers must prioritize the inclusion of arts in core curricula, supported by professional training for educators and equitable access for students, irrespective of socioeconomic background. Future efforts should focus on the systemic integration of arts, long-term impact studies, and interdisciplinary approaches to learning. Embracing arts education as a central pillar of academic reform promises to nurture a generation of creative thinkers and problem solvers, equipped to meet the challenges of a dynamic world.

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CITE AS: Kakembo Aisha Annet (2024). The Effects of Arts Education on Academic Achievement. NEWPORT INTERNATIONAL JOURNAL OF CURRENT ISSUES IN ARTS AND MANAGEMENT, 5(3):14-17. <https://doi.org/10.59298/NIJCIAM/2024/5.3.14170>