

Importance of Using Multimedia Technologies in Music Culture Lessons

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Annotation: This article provides detailed information about reforms in the field of culture, the main aspects of using multimedia technologies in music education, and the importance of educating a mature generation through music.

Keywords: reform, music, education, lesson, culture, educational process, technology, experience.

Over the past period, the Republic of Uzbekistan has adopted a number of normative and legal acts on the development of culture and arts. In particular, the Resolution of the President of the Republic of Uzbekistan No. PD - 3391 of November 17, 2017 “On measures to further develop the art of the Uzbek national makom”, August 26, 2018 Resolution No. PD - 3920 “On measures for innovative development of the arts”, Resolution No. PD-4038 of November 28, 2018 “On approval of the Concept of further development of national culture in the Republic of Uzbekistan”, 2019 Resolution of the Cabinet of Ministers of the Republic of Uzbekistan No. 1019 of December 19, 2019 “On approval of the Program for improving the activities of museums in the Republic of Uzbekistan in 2020-2021”, November 23, 2019 Resolution of the Government of the Republic of Uzbekistan dated July 26, 2019 “On approval of the activities of the Erkin Vahidov Memorial Museum and the Treasury House-Museum” Resolution of the Cabinet of Ministers No. 630 [1] of May 30, 2019 “On the organization of the activities of the state museum-reserves Sarmishsay”, “Shahrisabz”, “Termez” and “Kokand” Resolution of the Cabinet of Ministers of the Republic of Uzbekistan No. 443 of April 21 [2], 2020 “On measures to further increase the efficiency of the fine and applied arts” Resolution No. PD - 4688 of May 26, 2020 “Culture Decree No. PD-6000 of May 23 [3], 2020 “On measures to further enhance the role and influence of the arts in society” Resolution of the Cabinet of Ministers of the Republic of Uzbekistan No. 325 of June 9, 2021 and “Martyrs’ Memory” Resolution of the Cabinet of Ministers of the Republic of Uzbekistan No. 357 of February 2, 2022 “On support of the Moat Fund” The normative legal acts adopted, such as Resolution No. PD - 112 of the President of the Republic of Kazakhstan [4] are becoming increasingly important.

Adoption of the above-mentioned normative legal acts is a complex measure to raise the spiritual and educational level of the people in the Republic of Uzbekistan, to strengthen the material and technical base of cultural and art institutions, to support the industry. [5]

In the digital age, multimedia technologies have become an indispensable tool for education, changing traditional teaching methods and improving the learning experience. This article aims to analyze the existing literature on the use of multimedia technologies in music education. The focus is on understanding the impact of multimedia on learning outcomes, student engagement, and the overall learning experience. In recent years, the use of multimedia technologies in music education has become increasingly common, changing the traditional classroom setting and enhancing the learning experience for students. Multimedia technology refers to the integration of various media such as audio, video, graphics, and interactive content into educational practices.[6]

In the sources, many opinions are expressed about music being an important tool in child education. In music, reality is realized and expressed through the consistency of artistic sounds (tones) of a certain

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pitch. Music is closely related to speech, more precisely, speech intonation. At the same time, the music also uses sounds of uncertain pitch (for example, the sound of certain untuned instruments played with noise, etc.), but they mainly play an auxiliary role. In the art of music, sounds are typified on the basis of artistic generalization. Although music does not have the ability to express concrete concepts, specific situations or events realistically (to the level of imagination), it can artistically reflect human experiences, various feelings and moods, and psychological states. Music has an emotional impact on hundreds and thousands of listeners, engages their imaginations, and directs their emotions in one direction. Since ancient times, musicologists and scholars have expressed their views on the influence of music on the human psyche. They tried to understand the characteristics of music that affect the formation of a human personality. In classic works, music is a powerful tool that influences the three types. Ancient Greek scientists expressed many opinions about the importance of raising a perfect generation through music. Because the formation of moral and civil qualities of the future member of the society starts from childhood.

Some key aspects of using multimedia technologies in music education: Interactive educational materials:

- Multimedia technologies allow the creation of interactive educational materials such as educational programs, applications and online platforms. These materials engage students by including elements such as quizzes, games and simulations, making the learning process more dynamic and enjoyable. The role of research and development factors in the development of new Uzbekistan.

Digital Textbooks and Books:

- Traditional music textbooks are being supplemented or replaced by digital alternatives. Digital textbooks and e-books often contain multimedia elements, such as videos, audio clips, and interactive diagrams, which provide a more comprehensive and engaging learning experience.

Educational programs and applications:

- Various curricula and applications covering mathematics, science, language arts and other subjects serve the elementary period of music. These tools often use multimedia elements to explain concepts, offer hands-on exercises, and provide quick feedback to students.

Online resources and web-based learning:

- The Internet offers many multimedia resources that teachers can incorporate into their lessons. Educational websites, videos, and interactive simulations can enhance music education by presenting information in diverse and engaging formats.

Digital Stories:

- Multimedia technologies allow the creation of digital stories, where students can combine text, images, audio, and sometimes video to express themselves and demonstrate understanding. It develops creativity and communication skills.

Virtual and Augmented Reality:

- Virtual and augmented reality technologies are increasingly being used to create immersive learning experiences. Students can explore historic sites, immerse themselves in virtual science labs, or interact with 3D models to enhance their understanding of a variety of topics. Podcasts and Audio Resources:

- Audio content such as podcasts and recorded lectures provide students with an alternative way to absorb information. It is especially useful for auditory learners and can be used as a supplement to traditional teaching methods.



Video conferencing and collaboration tools:

- Multimedia technologies facilitate distance learning through video conferencing tools, allowing teachers and students to connect virtually. Collaboration tools enable group projects and discussions, and develop teamwork and communication skills. Adaptive learning platforms:
- Some multimedia technologies use adaptive learning algorithms to adapt educational content to the needs of individual students. This personalized approach helps students learn at their own pace, focusing on areas where they need the most support. Rating and feedback:
- Multimedia technologies can be used for assessment purposes, offering interactive quizzes, multimedia presentations and automated assessment systems. Students can be given timely feedback to help them understand their strengths and areas for improvement.

While the integration of multimedia technologies into primary education has many benefits, it is important to consider issues such as technology use, digital literacy, and ensuring a balanced approach that complements traditional teaching methods.

Today, interdisciplinary communication has covered the entire educational process, and it has not only developed, strengthened and updated, but also created a new growth - integration. Integration is no longer just the connection between subjects, but the combination of academic disciplines in one lesson, which is a new approach and opportunity to teach and educate students. Integration does not leave indifferent any teacher who works creatively today. Integration - deals with deepening and increasing interdisciplinary knowledge (integrative knowledge), and their formation. It was created on the basis of various types, methods, styles, objects of interdisciplinary integration.

Teaching elementary school students who have just entered school by connecting and basing subjects in different ways is quite interesting and serves as a process that draws the attention and attention of students. The basis of integration is interdisciplinarity and shows its development in the idea of integration. Studying subjects with an integrative content is considered as a factor that ensures the knowledge, working methods, personal qualities, and overall integrity of future specialists. Unification of knowledge on different topics, connection of disciplines is carried out with the help of an integral lesson.[7]

In conclusion, the integration of multimedia technologies in music education is a promising way to improve learning outcomes and develop a dynamic learning experience. Teachers need to be encouraged to use these technologies and policymakers need to invest in infrastructure and curriculum. Further research is needed to examine the long-term effects of multimedia integration and to identify best practices for its implementation. Future research on the academic achievement of multimedia technologies and longitudinal studies should be conducted to assess their sustained effects on engagement. In addition, studies on the effectiveness of specific multimedia tools and their integration with different topics provide valuable insights. Continuous collaboration between researchers, educators, and technology developers contributes to the continuous evolution of multimedia-enhanced music education.

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