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## FOREIGN EXPERIENCE IN USING INNOVATIVE TECHNOLOGIES IN MUSIC EDUCATION

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### ABSTRACT

This article analyzes the necessity and benefits of using innovative technologies in music education. On the basis of foreign experiences, issues of modernization of music education, introduction of new pedagogical approaches and use of interactive tools are considered. The article also demonstrates how innovative technologies can be used to develop students' creativity, musical skills and knowledge. Examples will be given to improve the effectiveness of music education through innovative pedagogical methods, distance learning platforms and digital tools. This research provides useful resources for teachers and educational institutions in shaping the modern music education system.

### KEYWORDS

Music education, innovative technologies, foreign experience, pedagogical approaches, interactive tools, creativity, distance education, digital tools, educational process, efficiency.

### INTRODUCTION

Music education requires the introduction of innovative technologies in order to respond to the requirements of the time and update the educational process. Innovative technologies, in turn, play an important role in qualitatively changing the educational process, providing students with musical knowledge and skills. Today, global innovative trends, development of digital technologies and interactive

learning methods make it possible to make music education more effective and interesting.

Foreign experiences include countries that are successfully implementing the use of innovative technologies in music education. These countries are using new approaches in their education systems to engage students in music education through digital

platforms, mobile apps and online courses. Also, with the help of interactive tools, wide opportunities are created to develop the creativity and musical abilities of students.

In our article, through the analysis of foreign experiences, attention is paid to the most effective methods of applying innovative technologies to music education, pedagogical approaches and changes in the educational process. Such approaches serve not only to improve students' musical skills, but also to develop their ability to think creatively. Therefore, the issue of using innovative technologies in music education remains relevant and important.

## ANALYSIS OF FOREIGN LITERATURE

The issue of using innovative technologies in music education is widely covered in foreign literature, and various pedagogical approaches and practical experiences have been studied in this regard. There is a lot of research on the importance of innovative technologies in creating a connected learning process, encouraging students to actively participate and developing their creativity.

Digital learning tools: European and North American countries are focusing on developing music education through digital learning tools, such as online courses, mobile apps and interactive platforms. K. McCarthy[1, 35-p] (2020) in his study "Digital Learning in Music Education" states that digital resources in music education are effective in engaging students and developing their creative skills. He believes that such tools help students explore their own creative expression and explore new genres of music.

Interactive teaching methods: in research conducted in China (Li & Zhang[2, 560-b], 2019) it was shown that

the use of interactive teaching methods gave positive results in strengthening musical knowledge and increasing student cooperation. . They found that the use of interactive learning platforms encouraged students to exchange ideas and musical creativity in the process of acquiring musical skills.

Cognitive Approaches: Cognitive approaches are important in integrating innovative technologies in music education. A. Brown [1, p. 46] (2021) in the article "Cognitive Approaches in Music Education", analyzed the possibilities of improving students' abilities using cognitive strategies in music education. It focuses on developing students' creative thinking skills using innovative technologies, such as music software and simulators.

Distance education: The transition to distance education systems in many countries during the COVID-19 pandemic has further increased the importance of innovative technologies in music education. H. Smith[4, 12-p] (2022) in his study provides information about the successful operation of distance learning platforms and how they organize interaction with students. He points out that digital tools have expanded the possibilities of developing students' musical skills through distance education.

The analysis of this literature shows that foreign countries are rapidly developing the use of innovative technologies in music education. This process not only introduces students to musical education, but also helps to improve their creative abilities. Such approaches, in turn, give teachers the opportunity to develop new pedagogical methods and effectively manage the educational process.

## DISCUSSION

The use of innovative technologies in music education, based on foreign experiences, is important in improving the quality of the educational process. The above-mentioned literature analysis showed that music education becomes more effective and interesting through the introduction of innovative technologies in foreign countries. However, there are also complications and difficulties in this process.

First of all, for the successful integration of innovative technologies into the educational process, the qualifications and training of teachers are important. Teachers play an important role in adopting new technologies, ensuring that they are compatible with pedagogical approaches, and engaging students. Therefore, foreign experience shows that it is necessary to constantly organize seminars, trainings and online courses to familiarize teachers with innovative technologies and improve their skills. Through this, teachers can learn new pedagogical methods and teach students more effectively.

Also, the lack of materials and resources can cause problems in the application of innovative technologies. Ensuring the quality of educational resources and digital platforms, as shown by the example of foreign countries, provides students with the opportunity to receive a proper and effective education. In this regard, it is important to strengthen cooperation between educational institutions and state organizations, create and distribute new resources and materials.

In addition, the level of students' use of innovative technologies and their interest also affects the effectiveness of education. Foreign experiences emphasize the need to develop programs aimed at developing students' creative thinking skills and

increasing their musical knowledge while involving them in new technologies. Using interactive and practical methods to interest and motivate students helps to make the educational process more interesting and effective.

In the end, the successful application of innovative technologies in music education helps not only to develop students' musical skills, but also to increase their creative thinking skills. Based on foreign experiences, the modernization of the educational process, the introduction of new pedagogical approaches and the use of interactive tools are important in increasing the effectiveness of music education. At the same time, the use of innovative technologies creates new opportunities for strengthening interaction in the educational process and developing students' creativity.

This discussion serves as a basis for future research and practice, as well as identifying current directions for the implementation of innovative technologies in music education.

## CONCLUSION

This article analyzed the importance of the use of innovative technologies in music education and researches based on foreign experiences. The modern trends of the music education process, the possibilities of developing students' creative abilities and increasing educational efficiency through the introduction of innovative technologies were shown.

Experiences from foreign countries demonstrate the importance of digital tools and interactive learning platforms in music education. Such technologies serve not only to improve students' musical knowledge and skills, but also to develop their creative thinking and

problem-solving skills. Through innovative pedagogical approaches, the educational process becomes more interesting and interactive, which increases the interest of students.

At the same time, introducing teachers to innovative technologies and improving their skills is important for the success of the educational process. The use of innovative technologies in music education is more effective when teachers learn new pedagogical methods and teach students through modern methods.

In general, the use of innovative technologies in music education plays an important role in the development of students' musical skills and encourages them to think creatively. This study will serve as a basis for improving the effectiveness of music education in the future and developing new approaches. Such approaches, in turn, allow students to be involved in musical education and expand their creative abilities, and also ensure the modernization of the educational system.

Pandemic. *Journal of Music and Technology*, 18(1), 12-23.

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