

USING MODERN INFORMATION TECHNOLOGIES TO DEVELOP STUDENTS' MUSICAL AND AESTHETIC TASTE

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Abstract. The article reveals aspects of using modern information technologies to develop students' musical and aesthetic taste (educational online services and platforms; streaming music services; social networks and music platforms; applications for creating music, virtual instruments and synthesizers; virtual concerts and music festivals; virtual reality and augmented reality).

Keywords: education, modern information technologies, musical and aesthetic taste.

ИСПОЛЬЗОВАНИЕ СОВРЕМЕННЫХ ИНФОРМАЦИОННЫХ ТЕХНОЛОГИЙ ДЛЯ РАЗВИТИЯ МУЗЫКАЛЬНО-ЭСТЕТИЧЕСКОГО ВКУСА СТУДЕНТОВ

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Аннотация. В статье раскрыты аспекты использования современных информационных технологий с целью развития музыкально-эстетического вкуса студентов (образовательных онлайн сервисов и платформ; потоковых музыкальных сервисов; социальных сетей и музыкальных платформ; приложений для создания музыки, виртуальных инструментов и синтезаторов; виртуальных концертов и музыкальных фестивалей; виртуальной реальности и дополненной реальности).

Ключевые слова: образование, современные информационные технологии, музыкально-эстетический вкус.

Modern information technologies have changed the life of the whole society. It is obvious that information technology (IT), which is a set of related fields that encompass computer systems, software, programming languages and data and information processing and storage [1], has revolutionized education. IT makes it possible to improve students' academic performance, improve professional skills, build effective planning, participate in research and projects, provide access to continuously updated information, etc. With the help of different programmes and applications, students have the opportunity to access

extensive knowledge bases, study new materials, complete assignments, communicate in professional communities and various collaborations, implement online or distance learning, which contributes to the development of competences necessary for successful study and further professional activity.

At the same time, the IT environment provides the most unique opportunities to expand users' musical horizons, enrich their musical experience, unlock their creative potential, and generally fulfill various aesthetic needs. Undoubtedly, in order to enjoy music and enrich one's inner world through the sounds and expression of musical art, a modern diversely developed student needs to understand and value musical and aesthetic taste, which includes subjective preference and understanding of music based on the listener's individual tastes, feelings and experience, the choice of specific genres or performers, the ability to evaluate music in terms of beauty, expressiveness, harmony, emotional impact and other aspects [2]. Due to the fact that musical and aesthetic taste is a social ability of an individual, its development, as a rule, occurs through the study of new genres and performers, the search for new harmonies and ideas in music, experimentation, etc. [2]. It is obvious that a specially organized process is necessary to influence the personality in this aspect. Within the framework of this article we set a task to consider what kind of resources IT include for organizing the development of musical and aesthetic taste of students. Let us consider them in more detail [3].

There are many various online educational services and platforms that offer learning materials in different musical disciplines. These resources help to develop analytical skills in music appreciation, expand one's knowledge and understanding of musical culture. Some of the most popular and sought-after educational platforms include Coursera and Skillshare.

Streaming music services provide access to a wide range of music genres and artists. For example, Apple Music, Deezer, Spotify, YouTube Music include functions of operative search and listening to musical compositions, creation of personalized playlists and recommendations based on the user's musical preferences. Remote audio libraries make music available anytime, anywhere.

Social networks and music platforms SoundCloud and Bandcamp allow aspiring musicians to engage in musical communication and exchange with like-minded people around the world, sharing their works with audiences, which promotes diversity and innovation in the music industry.

Ableton Live, GarageBand, FL Studio and other music creation applications, virtual instruments and synthesizers allow users to create and record music on their own. Music creation and instrument playing programmes offer a wide range of opportunities to develop your musical abilities express your ideas and experiment with sounds, create original compositions and new musical directions. This contributes not only to a better

understanding of music, but also to the development of a unique author's musical style and taste, and intensive involvement in musical creativity.

Modern technologies make it possible to organize virtual concerts and music festivals, where users have the opportunity to see live performances of famous performers and discover new musical works from anywhere in the world, evaluate a wide range of genres and performers, and learn the diversity of world music culture.

Virtual reality, augmented reality can be used to create unique and interactive musical experiences and projects. For example, using AR technologies, virtual exhibitions can be created where the viewer has the opportunity to immerse themselves in the atmosphere of music and explore different sound and visual effects.

It is obvious that IT provides ample opportunities for students to learn, self-development and self-expression in the musical sphere, contributes to a significant enrichment of musical experience, formation of musical critical thought and development of creative thinking, and stimulates the growth of the cultural capital of the individual.

Thus, the harmony of the musical and technological world presents boundless opportunities for aesthetic cognition, which certainly contributes to the development of musical and aesthetic taste of students.

References

1. Kosker, G., What is information technology? A Beginner's Guide to the World of Information Technology [Electronic resource] // Rasmussen University. – Mode of access: <https://www.rasmussen.edu/degrees/technology/blog/what-is-information-technology/>. – Date of access: 11.02.2024.

2. Ostapenko, E. A. Musical-aesthetic taste and its role in the formation of artistic culture of future music teachers [Electronic resource] // Vestnik TSPI. – 2012. – Humanities. Music Education. – Mode of access: <https://cyberleninka.ru/article/n/muzykalno-esteticheskiy-vkus-i-ego-rol-v-formirovanii-hudozhestvennoy-kultury-buduschih-uchiteley-muzyki/viewer>. - Date of access: 11.02.2024.

3. Raja, R. Impact of modern technology on education [Electronic resource] / R. Raja, P. K. Nagasubramani // Journal of Applied and Prospective Research. – 2018. – №3. – Mode of access: https://www.researchgate.net/publication/325086709_Impact_of_modern_technology_in_education/fulltext/5af5ba16a6fdcc0c030c3b0d/Impact-of-modern-technology-in-education.pdf. – Date of access: 11.02.2024.