

RESEARCH ARTICLE OPEN ACCESS

Development and Scientific Substitution of a Model for The Development of Independent Knowledge (In the Example of Music Education)

Shermatova Khurshida Karimovna

PhD student of KSPI, Uzbekistan

Received: 24 January 2025 **Accepted:** 26 February 2025 **Published:** 25 March 2025

ABSTRACT

This article analyzes the development of a model for the development of independent knowledge of future music teachers and its scientific foundations. Due to the increasing importance of independent learning in the modern educational process, innovative technologies, interactive teaching methods and strategies for the formation of independent learning skills in music pedagogy are of great importance. The article provides specific proposals for the main components of the independent learning process and its effective development.

Keywords: Future music teacher, independent knowledge, pedagogical model, innovative technologies, interactive learning, self-assessment, mentoring, gamification, education system of Uzbekistan.

INTRODUCTION

Music education plays an important role in preserving cultural heritage and improving the spirituality of society. Developing the ability of future music teachers to acquire independent knowledge is one of the main tasks of the modern education system. The Resolution of the President of the Republic of Uzbekistan “On the Development of Musical Art and Improving the System of Training Personnel in the Field” of April 29, 2019, identified the development of music education and its improvement based on innovative approaches as one of the urgent tasks [1]. Professor N.T. Juraev noted that “Independent learning skills for music teachers expand their creative potential and help them adapt to the requirements of modern pedagogy” [2]. Indeed, independent learning is the process of an individual acquiring knowledge independently in accordance with their own needs and goals, which is of great importance in the modern education system. Especially for future music teachers, the ability to learn independently is one of the key factors in achieving success in pedagogical activities.

METHODS

The modern education system aims to train students in the skills of independent search, analysis and application of knowledge, rather than mastering ready-made knowledge. In today's educational processes, it is important to develop the skills of independent teaching and independent learning. The research and practical skills carried out in this direction are of great merit to T. Jalolov, S. Hasanboyev, Q. Raimkulov, N. Turayev, Kh. Yusupov, G. Usmonov, R. Qurbonov, B. Saidov, D. Yuldasheva.

Researcher O. Toshmatov in his monograph “Methodology of using mobile applications in the formation of students' independent learning competencies” extensively covered the methodology for developing students' competencies through the use of mobile applications in the process of independent learning. The manual “Organization of independent learning in the discipline of vocational education pedagogy” co-authored

by O.A. Koysinov, X.Y. Astanova, Z.K. Kadirov emphasizes the importance of modern teaching methods, including non-traditional methods of independent learning, in improving the quality and effectiveness of education. Sh.N. Khodzhikulova's "Methodology of forming basic competencies in students in the process of independent learning (on the example of economic education)" analyzes the pedagogical possibilities of gradually developing basic competencies in the process of world education and forming students' practical skills in the process of independent learning, and formulates the theoretical foundations of independent learning.

RESULTS AND DISCUSSION

It is known that the use of modern technologies in developing the ability of future music teachers to acquire independent knowledge gives effective results. Independent learning is characterized by the following aspects:

Develops creative thinking - a person learns to create innovations based on his knowledge.

Increases responsibility and discipline - the learner feels responsible for his results.

Forms the principle of lifelong learning - a person's need for constant learning is strengthened.

Adapts to modern professional requirements - it is necessary to constantly learn innovations in pedagogical activities.

As Professor A.I. Rakhimov noted, "The effectiveness of the educational process can be increased through an experimental approach in music education. Because such an approach serves to form students' independent learning abilities" [4].

In particular, the use of multimedia materials in music education increases the effectiveness of the educational process. The use of interactive lessons, online courses, and virtual laboratories is of great importance for modern music teachers. We can see the importance of independent learning for music teachers in the following:

Strengthens creative and technical skills - allows you to master new methods and techniques.

Increases the opportunity to introduce innovations into pedagogical activities - allows you to use interactive teaching methods and modern technologies.

Enriches practical experience - helps to apply new approaches in the teaching process.

As we noted above, today digital technologies are taking independent learning to a new level. In this regard, various online learning platforms expand the possibilities for independent learning, thereby strengthening the ability to self-assess and analyze. Students will have the opportunity to choose resources that are suitable for them.

We believe that it is appropriate to offer the following model and scientific basis for developing independent learning skills of music teachers. This model is aimed at forming and developing the ability of future music teachers to learn independently.

Stages of the independent learning process:

Choosing sources of knowledge - students should work with reliable and scientific sources (books, articles, online courses) for independent learning.

Planning and time management - developing an individual educational program for planning independent learning.

Self-assessment and analysis - regularly assessing learning outcomes and checking the depth of knowledge.

Practical application - integrating the learned knowledge into musical practice and pedagogical activities.

Using innovative technologies - using digital resources, multimedia textbooks and online platforms.

We believe that developing motivating approaches to developing independent learning for future music education teachers is also effective.

Creating interactive learning platforms – Establishing special online learning platforms for music teachers in higher education institutions of Uzbekistan (for example, systems such as Moodle, Coursera).

Self-assessment and reflection system – students should create electronic tests, portfolios and independent creative projects to assess their knowledge.

Developing a mentoring system – creating a system of leadership by experienced teachers for music teachers in higher education institutions.

Increasing practical training – future teachers should be encouraged to independently develop their knowledge by teaching in schools or art centers.

CONCLUSION

Using gamification methods – developing online games and tests to teach music theory and practical training in an interactive and interesting way.

Developing the ability of future music teachers to acquire independent knowledge is of great importance in the modern education system. This process can be made more effective by using interactive and innovative approaches. Independent teaching methods should be actively introduced in the music education system of Uzbekistan. The development of individual educational plans for students in pedagogical institutes and conservatories should be put into practice, and in this process, innovative technologies and digital tools should be used; there is a need to develop a system for monitoring the process of independent learning and evaluating its results. Also, strengthening the connection between theory and practice is an extremely important factor in combining musical creativity and pedagogical activity. Of course, the models and proposals we have considered will serve to develop the ability of future music teachers to acquire independent learning.

REFERENCES

“Musika san’atini rivojlantirish va sohada kadrlar tayyorlash tizimini takomillashtirish to’g’risida”gi O‘zbekiston Respublikasi Prezidenti qarori. O‘zbekiston Respublikasi Qonun hujjatlari to‘plami. – Toshkent, 2019.

Jo‘rayev, N. T. Musika ta’limida mustaqil ta’lim olishning metodologik asoslari. Toshkent: Fan va texnologiya nashriyoti, 2020.

Karimov, D. A. Musika pedagogikasida amaliy mashg‘ulotlarni tashkil etish va zamonaviy yondashuvlar. – Toshkent: Sharq nashriyoti, 2017.

Raximov, A. I. Musika pedagogikasi: nazariya va amaliyot. –Toshkent: O‘zbekiston Milliy universiteti

nashriyoti, 2018.

To‘rayev, R. M. Ta’lim jarayonida mustaqil o‘qitish metodikasining samaradorligi. O‘zbek pedagogika akademiyasi ilmiy to‘plami, 2022. 6(1), 102-115.

Usmonov, G‘. Y. // Musika ta’limida innovatsion texnologiyalar va mustaqil o‘qitish metodikasi. Pedagogika va psixologiya ilmiy jurnali, 4(2), 45-58. 2021.