



APPLICATION OF MODERN PEDAGOGICAL TECHNOLOGIES IN THE DEVELOPMENT OF CREATIVE ACTIVITIES OF STUDENTS BASED ON VARIATIVE MODELING IN THE HIGHER EDUCATION SYSTEM

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Abstract: *This article examines the process of developing students' creative activity in the higher education system based on variative modeling, as well as the role and significance of modern pedagogical technologies in this process. In the course of the study, the theoretical foundations of variative modeling are analyzed, and the effectiveness of interactive methods, digital technologies, and innovative educational approaches aimed at activating students' creative thinking is revealed.*

Keywords: *variative modeling, creative activity, modern pedagogical technologies, higher education system, creative thinking, interactive methods, innovative education, digital educational technologies, pedagogical models.*

Аннотация: *В данной статье рассматривается процесс развития творческой активности студентов в системе высшего образования на основе вариативного моделирования, а также роль и значение современных педагогических технологий в данном процессе. В ходе исследования проанализированы теоретические основы вариативного моделирования и раскрыта эффективность интерактивных методов, цифровых технологий и инновационных образовательных подходов, направленных на активизацию творческого мышления студентов.*

Ключевые слова: вариативное моделирование, творческая активность, современные педагогические технологии, система высшего образования, творческое мышление, интерактивные методы, инновационное образование, цифровые образовательные технологии, педагогические модели.

Annotatsiya: Mazkur maqolada oliy ta'lim tizimida variativ modellashtirish asosida talabalarning kreativ faoliyatini rivojlantirish jarayoni hamda ushbu jarayonda zamonaviy pedagogik texnologiyalarning o'рни va ahamiyati yoritilgan. Tadqiqot davomida variativ modellashtirishning nazariy asoslari tahlil qilinib, talabalarning ijodiy fikrlashini faollashtirishga xizmat qiluvchi interfaol metodlar, raqamli texnologiyalar va innovatsion ta'lim yondashuvlarining samaradorligi ochib berilgan.

Kalit so'zlar: variativ modellashtirish, kreativ faoliyat, zamonaviy pedagogik texnologiyalar, oliy ta'lim tizimi, ijodiy fikrlash, interfaol metodlar, innovatsion ta'lim, raqamli ta'lim texnologiyalari, pedagogik modellar.

Education should be carried out through methodological training, which has become the main and system-forming link of the entire process. Education should be carried out through methodological training, which has become education should be carried out through methodological training, which has become the main and system-forming link of the entire process. From this it is worth noting the features of the education of preschool students. These characteristics are manifested in the formation of creativity of preschool students and are considered to consist in the need to develop verbal and non-verbal creativity of students. Pedagogical activity involves a high level of creativity, in which it is

distinguished by the fact that it is aimed at creating objects that have a specific individuality and require special perception. Pedagogical activity involves a high level of creativity, in which it is distinguished by the fact that it is aimed at creating objects that have a specific individuality and require special perception. Students of this specialty are undoubtedly required to have a degree in fine arts, but this is not enough. These knowledge, along with motivation, originality and fluency of thinking, should be used as a basis for creative self-expression, which, if certain pedagogical conditions are met, leads to the development of nonverbal creativity. An educator with a high level of creativity should have a highly developed artistic taste, a sense of style, the ability to introduce aesthetics into a person's object environment, and, in addition, a high level of knowledge. In addition, the non-verbal creativity of its students implies developed specific, as well as figurative and volumetric-spatial thinking, which are manifested in the ability to find non-standard pedagogical GDP, not only invent something new, but also need to correct shortcomings or add new features, as well as modernize existing processes. Only special knowledge is not enough to show the originality and fluency of thinking. Only special knowledge is not enough to show the originality and fluency of thinking. Consequently, we consider it necessary to provide a reasonable explanation of the only special knowledge is not enough to show the originality and fluency of thinking. Consequently, we consider it necessary to provide a reasonable ex

According to the requirements of pedagogical activity, education should be directed to the individual. According to the requirements of pedagogical activity, education should be directed to the individual. This

leads to serious changes in the characteristics of the professional owners entrusted by society to prepare the younger generation for life. The educational activities of students of the pedagogical educational direction are multifaceted, and a graduate can manifest himself in several types of interactions. Creativity involves the ability to see a new problem in a familiar situation and find ways to solve it, to work independently. Creativity involves the ability to see a new problem in a familiar situation and find ways to solve it, to work independently. Combining creativity involves the ability to see a new problem in a familiar situation and find ways to solve it, to work independently. Combining and changing already known methods of professional and pedagogical activity. In addition to the professional potential of the teacher, his ability to solve non-standard, creative tasks is of particular importance. This requires strengthening the creative component of the educational process, which is manifested in the development of oral or speech creativity in the professional training of students. The future educator-educator, regardless of the profile of his education, must make socially significant decisions, including in non-standard situations, which are becoming more and more intense, taking into account the conditions of today. The future educator-educator, regardless of the profile of his education, must make socially significant decisions, including in non-standard situations, which are becoming more and more intense, taking

into account the conditions of today. These factors led to the need to replace reproductive-oriented professional education with personality and creativity. Such individuals not only respond quickly to constant changes in technology, but also see them as an opportunity for vital spiritual satisfaction from solving intellectual problems. In this regard, the future educator should have more oral creativism.

Under current conditions, especially graduates of pedagogical specializations must be ready to discover new directions of professional activity. As emphasized by IS Voronina [90], in the process of teaching students it is necessary to spend some time searching, b

At present, one of the key requirements that society places on a teacher's personality is creative activity, a cre

As AS Shvedersky notes, talent develops and is formed only under favorable conditions for an individual's personal development. These conditions indicate that everything should be aimed at organizing the educational process in such a way and ensuring its integrity so that all academic disciplines activate the individual's creative potential and awaken their spiritual strengths. In this respect, the methodology of teaching any subject is not an exception. The teacher's creative personality and their focus

Currently, the teacher is becoming the main active factor associated with the formation and development of a student's creatively developed personality. Therefore, a future teacher-educator must first of all be creative themselves and encourage creativity in students. The personality of a future teacher-educator should be broad-minded, creative, and knowledgeable. Since pedagogy does not have strictly

regulated teaching methods, the teacher's choice is determined by the level of development of the student's personality.

The teaching profession requires not only a high level of specialized knowledge and skills, but also creativity. Moreover, by its very nature, pedagogical activity is not

According to N.V. Kuzmina, V. Ye. Inozemtseva, and L. Ya. Miloradova, a creative teacher must possess key competencies such as the ability to design educational material and creatively rework it, as well as to relate it to the ultimate goals of instruction; to organize and support students' creative activity during lessons and throughout the entire course; to analyze one's own experience from the perspective of creatively solving educational problems; to restructure one

The formation of creativity among students of pedagogical education helps higher education institutions address an important issue in their future professional activity—the ability to anticipate the development of technological capabilities in production within

The essence of pedagogical activity lies in the predictive orientation of creativity, in the ability to harmonize a holistic image of the future, in the distinctive features of creatively mastering reality, and in the dynamics of processes and the constant variability of forms inherent in the

It is well known that at each stage of humanity's historical development, issues related to personal growth, creativity, as well as teachers' professional training and creative abilities have been interpreted within specific approaches. Considering that a teacher's pedagogical influence is one of the leading factors in the educational process, the social

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