

DEVELOPMENT OF ABILITIES OF STUDENTS OF THE PREPARATORY GROUP BASED ON STEAM EDUCATIONAL TECHNOLOGIES

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Annotatsiya: Maktabgacha ta'lim tashkilotlarida STEAM o'qitish texnologiyasini shakllantirish muhim ahamiyatga ega ekanligini pedagoglarga yetkazish yo'llari va vositalari, maktabgacha ta'lim tashkilotlarida STEAM o'qitish texnologiyasini shakllantirishning mazmuni, shakllari va vositalaridan foydalanish yo'llari haqida so'z yuritilgan.

Kalit so'z: texnologiya, jarayon, pedagog, talim, bola, tarbiya, yondashuv.

Abstract: The methods and means of conveying to pedagogues that the formation of STEAM teaching technology in preschool educational organizations is of great importance, the content, forms and ways of using the means of forming STEAM teaching technology in preschool educational organizations are discussed.

Key words: technology, process, pedagogue, education, child, education, approach.

Today, the use of STEAM educational technology, a new teaching method of organizing children's activities in a mixed method, is important in the education of preschool children. The variability of education and training is the basic principle and principle of the development of the modern preschool education system in our country today. This is a variable part of the STEAM program, which ensures the quality of the educational process and creates optimal conditions for their social and personal development, taking into account the physical and mental health of preschool children, the trajectory of individual creative development, psychological and provided pedagogic skills for studying at school and adapting to the surrounding community for physical development.

The socio-economic conditions of our time demand active, friendly and creative citizens of the society. The limited level of development of technical skills hinders the development of children's imagination, paralyzes their initiative and worsens the performance of any of their activities. In connection with the above, an urgent question arose about the introduction of the STEAM education system in preschool educational institutions in order to create an effective educational environment for the development of creative thinking and creative imagination in children based on the acquisition of basic technical skills. followed.

One thing must be said about STEAM, it is not only an innovation in the field of education, but also a significant contribution to the future of the growing young generation, where a child can independently create their own projects, be proactive, creative and easy. communicating with people.

Modern life sets difficult goals for the education sector: to teach a preschool child to live in a world that requires high intellectual abilities. STEAM technologies provide an opportunity to intelligently acquire and implement the acquired knowledge. The introduction of STEAM technologies into the process of environmental education in a preschool educational organization gives older preschool children the opportunity to understand the acquired knowledge and use it in the course of their practical activities. Children can gain the practical skills they need for their future lives in the modern world. Game situations used during training with children help to determine the capabilities and characteristics of the child. Children learn to observe the interrelationship of events, think logically and, thanks to this, create personal and unusual things. An integrated approach helps to develop their interest and involve them in the learning process.

Introduction of STEAM technologies for environmental education of preschool children in a preschool educational institution can be used in a certain way. To begin with, we need a thematic-spatial environment, thanks to which it will be possible to organize experiments and experiments with children, to organize STEAM laboratories and LEGO construction centers.

Second, STEAM allows children to combine different types of activities - and combines all areas - science, technology, engineering, art and mathematics, and thus allows them to show the results of their activities.

Thirdly, a special place is given to the teacher of the preschool educational organization in this process. Only the teacher's creative activity allows to achieve high results through practical research activities.

Pedagogical conditions of using STEAM technologies in environmental education of older preschool children.

Preschool educational organization should have the following pedagogical conditions for environmental education of older preschool children through STEAM technologies:

In the context of improving the preschool education system, the question arises of bringing this level of education to a new, higher quality level. First of all, innovations are needed, one of which is the use of STEAM technologies in the process of teaching and educating preschool children.

With the educational reform, STEAM technology was introduced in the presidential schools in Uzbekistan. Introduction of STEAM teaching technology to pre-school education organizations, which is the first link of the educational system in the country, accelerates and facilitates the early development of children who are interested in and seek new knowledge in pre-school. But if a child struggles to learn in his program, we need to be patient without forcing them, and instead of waiting until they learn, we need to allow them to learn. We can use most of the available equipment as a toy to develop a child's creativity and engineering thinking. We can make some of the types of STEAM games for children with our own hands.

As a result of mastering this education, the child accumulates the experience of a positive attitude towards the world, the surrounding environment and himself, and gains self-respect. A child in pre-school education actively interacts with peers and adults. He conducts a conversation, takes into account the interests and

feelings of others, sympathizes with failures and has the ability to be happy with the success of others. In conclusion, it can be said that the beauty of the monotype lies in its elegance and simplicity. The monotype drawing technique always captures an element that has not been drawn in advance and is subject to change. No drawing is the same and the outcome is never known. Children are very fond of this monotype. After all, there is no need to study or try, the requirements are minimal, the results are guaranteed and the pleasure is guaranteed.

Foydalanilgan adabiyotlar

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