STEAM TEHNALOGIYASINI O'QITISHNING AFZALLIKLARI

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Annotatsia. *STEM technology teaches students to work together and think deeply. Passing applied sciences through exhibitions in schools increase students' ability to show creativity, creativity, initiative, and talent.*

Key words: *creativity, creativity, initiative, creativity, non-traditional technique, trample, competence, integration, engineering.*

On April 29, 2019, the decree of the President of the Republic of Uzbekistan "On approval of the concept of development of the public education system of the Republic of Uzbekistan until 2030" was adopted. As the expected results of the implementation of the concept, the introduction of modern new state education standards for future generations, taking into account STEAM sciences and critical thinking, searching for the necessary information, analysis competencies, special emphasis on the development of the student, is defined. Today, when technology and information exchange are growing, children are becoming very smart and knowledgeable. Similarly, we should not be mistaken when we say that we should teach using non-traditional methods. What is STEAM? The word STEM is an abbreviation consisting of the initial letters of 4 English words, which include:

S - Science - Science

T - Technology – Технология

E - Engineering – Engineering

M - Mathematics - Mathematics Recently,

A - Art - Department of Art was added to this abbreviation. Research shows that

Through the STEM (STEAM) education system, creativity, diligence, and curiosity are formed in the child, which is the most important feature today - the ability to solve problems. The confident decision to combine these subjects to practice technology, engineering increases creativity, students who say they do not know mathematics at all and are not interested, always take an asset without knowing this subject. The ability to "think STEM" begins in childhood. Even when a child does not know how to walk, he can understand the connection, sequence and probability of processes. These features should be encouraged in every way. A quality book can be a powerful springboard to introduce a child to STEM. An important point here is not to confuse a book

based on STEM principles with encyclopedia books. It is possible to use STEM in all subjects, for example, this approach gives students new motivations by making visual aids, making a model of something, making frames for students who are mentally behind in reading but can do what they show. In our STEM school, it would be appropriate to change the usual method and increase the number of activities with a practical approach. In schools, based on the interest of students, practical training should be conducted outside the classroom. I recommended this idea based on my experience and the interests of schoolchildren's level of knowledge and skills.Currently, I am showing students to the 6th grade in the course of the natural science lesson. Students who don't want to write and who are bad at writing are always ahead in technology, drawing, and behind these feelings, they have self-confidence, enthusiasm, and express new ideas. STEAM education combines interdisciplinary communication and design, based on the integration of natural sciences with technology, engineering creativity and mathematics. In this, preparation for professions related to engineering is carried out. In STEAM education, children are shown using their scientific and technical knowledge in real life with the help of practical exercises. In each lesson, students develop, build and develop models of modern industry. The STEAM program develops the critical thinking and problem-solving skills that children need to overcome the challenges they face in their daily lives.

The STEAM program is distinguished by active communication and teamwork. During the dialogue period, a free environment is created for expressing one's opinion and conducting debates. They are able to speak and present. If children always participate with the teacher and classmates, they will remember the lesson well. If we use STEAM technology in the teaching of science and natural sciences in elementary grades, children will understand nature and study the world regularly, and thus develop their interest, engineering thinking style, ability to overcome critical situations, develop the ability to work in a timely manner, and develop leadership skills. , leads to repeated work on itself. As a result of the introduction of the STEAM education system into the educational process, it is possible to show the foundation for the acquisition of professions necessary for the creation of an innovative economy in the future, to understand the essence of creativity, and to demonstrate the ability to think creatively. Creative (eng. create) - to create, creativity (creative) - means the concepts of creator, creator and gives the meanings of the ability to produce new ideas and creativity. Characteristics of creativity:- creativity, creativity, initiative, the ability to demonstrate talent. Creative thinking helps the student to find unusual solutions not only in the classroom, but also in life. However, we should not confuse it with critical

thinking, but rather see it as a "sibling" that helps us find complementary solutions to impossible problems.

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