THE IMPLEMENTATION OF STEAM TECHNOLOGY IN ENGLISH LANGUAGE CLASSES

Kushieva Nodira
Doctor of pedagogical sciences (DSc) UzSWLU

Annotation. *In the following article, the research on the methodology of teaching foreign languages, specifically English in elementary classes of the continuous education system is presented. Teaching on the base of STEAM technology, which is the foundation of a cluster approach to teaching English to elementary classes of the continuing education system, supports to upsurge students' curiosity in learning the language and their knowledge of English. One of the innovative directions of modern education is STEAM technology. Its principle is that it allows to develop the children's personality, cleverness, research ability, engineering thinking based on scientific methods, technical applications, mathematical modeling, engineering design, etc.*

Key words: *Continued educational system, foreign languages, English language, elementary education, primary class, STEAM technology.*

Conferring to the passage 4 of the extension to the decision of PD-4884 of the President of the Republic of Uzbekistan dated November 6, 2020 "On additional measures to further improve the education system", "Ensuring the continuity of preschool, general secondary, professional and higher education curricula and subjects" task is defined [1].

Rearing an educated, modern-thinking young generation based on the goals and tasks set in the continuous education system is significant in forming a system aimed at further incorporation of the Republic into the world public [2]. At this point, it is apposite to improve the criteria for training a foreign language in accordance with the stages of education. Given that in recent years there have been many proposals for teaching English on the market of educational technologies, the development based on the necessities of the universally recognized Council of Europe "European competences for knowledge of a foreign language: learning, teaching and assessment" (CEFR) - is the focus of most experts [4; p. 261].

Today, in our Republic, the development of the English language from the pre-school education system is widely established. The continuous education system includes kindergarten, school, secondary special and higher education system. Therefore, in the course of our research, we have developed a model for

teaching English from preschool to higher education. This research is the "Continuing Education Model of English Language Science" which consists of the model of continuous education system in English language, curriculum of general secondary education, 2-year system for academic lyceum and educational system of higher pedagogical education.

According to the held research, English language plays an important role in choosing future fields of study. In the upper classes, the chosen fields are taught in English, which is the basis for them to become highly qualified specialists. In the elementary grades, junior language learners have not chosen a specific field. Accordingly, during our research, it was found that STEAM technology plays an important role in making students interested in a particular field of English in preschool and primary classes. STEAM technology is the basis of teaching English based on the cluster approach. STEAM is S – science, T – technology, E – engineering, A – art, M – math. (See Figure 1). In this STEAM system, foreign language teachers and parents are interested in science, technology, engineering, art, and math for young language learners.

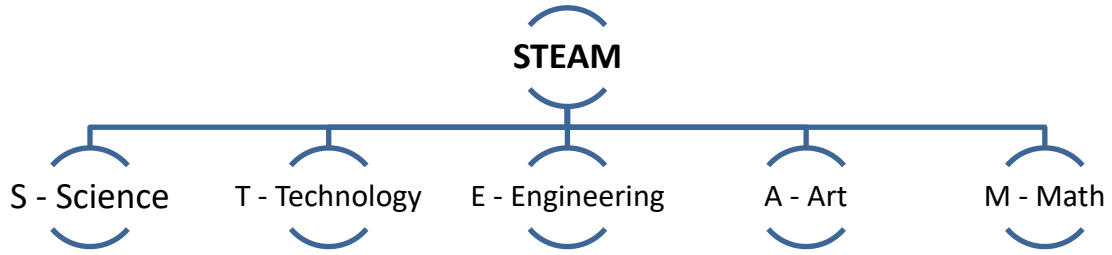

Figure 1. Teaching elementary grades through STEAM technology.

Pre-school and elementary school-aged language learners enrolled in this STEAM system choose one of these five areas of Science, Technology, Engineering, Art, and Math according to their interests, and now in upper grades or academic lyceums they study their fields of study according to their specializations based on the cluster approach in English language subjects.

In STEAM technology, it is ensured that knowledge is passed out not separately, but in a reciprocal manner. The student develops non-standard thinking, finding multiple solutions to a problem, and creativity.

One of the advanced commands of modern education is STEAM education. Its essence is that it allows the development of the child's personality,

intelligence, research ability, engineering thinking based on scientific methods, technical applications, mathematical modeling, engineering design, etc. The use of the STEAM educational model in teaching children of primary school age is of particular interest.

It is convenient and operative to use STEAM technology in teaching English to young children. For example, a language teacher can teach students about Animals and their way of life (Science), animal habitats and their construction (Engineering), habitat design (Art) and what animals need to survive (Science) in English lessons. can be used. At the end of the lesson, the students will be asked to show each other's assignments in the above-mentioned areas. It serves as a basis for the formation of presentation and speaking skills in English. As a result, students can choose subjects in the STEAM direction based on their interests.

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