



"STEAM" APPROACH TO STUDYING UZBEK CHILDREN'S LITERATURE

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Article history:	Abstract:
<p>Received: February 20th 2023 Accepted: March 20th 2023 Published: April 26th 2023</p>	<p>This article discusses the emergence of the STEAM approach, its importance in education and the advantages of this approach in studying Uzbek children's literature. It has been shown that it can be illuminated in practical works, assignments and the child's thinking. STEAM technology will be directed to different goals. There will be several interdisciplinary integration, which is connection, which will teach the child to learn to think comprehensively. Therefore, this approach is integrated with the following subjects: natural sciences, technology, engineering, art and mathematics, and explaining the work of art to the child. cited through When explaining the works of children's literature during the lesson, the child's attention may be divided or bored, so the teacher takes a certain amount of time to direct the child's attention back to the lesson, that is, to the topic. "If you teach engineering in relation to the desired topic, it will help the child to become more enthusiastic. The purpose of using new pedagogical technologies is to make it easier and more interesting for the child to understand the work, to help encourage the child to read the work of art.</p>

Keywords: STEAM approach, integration, engineering, competence, technology

INTRODUCTION

New ways are being sought to improve the spirituality of the young generation, that is, children, to direct them to independent thinking rather than ready-made knowledge, and to raise students from mute performers to free participants in the educational process. [1.Q.Husanboyeva.2022, 390] From this point of view, instead of forming a generation that thinks the same way and comes to a single conclusion, in the upbringing of children, the leadership of spiritual qualities, the whims of the child's feelings, his heart's desires, in the formation of spirituality education based on national traditions and world-recognized methods is considered today's demand. Today, even in our education system, several decisions and dreams of our president about providing a new education and upbringing to children are coming out. Among them, on April 29, 2019, the President of the Republic of Uzbekistan "Development of the public education system of the Republic of Uzbekistan until 2030 on the development of the concept of "Decree" was announced. According to the decree, during 2019-2021, STEAM (science, technology, engineering, art and mathematics) will be gradually implemented in each region of the republic. The task of establishing "Presidential schools" specialized in STEAM sciences and critical thinking, independent search and analysis of information in the development of the public education system of the Republic of Uzbekistan until 2030 by fulfilling the tasks defined within the framework of the concept taking into account the special emphasis on the development of competencies and skills, general education programs and new state education standards that meet the requirements of the modern innovative economy will be introduced. [2.M.Djakbarova.2021,9] With this in mind, we will consider how to implement the STEAM approach in children's literature. The perfection of children's literature is its close connection with all disciplines. In addition to ensuring that it is fulfilled at the expense of different images, it also defines its own characteristics to a certain extent. We want to introduce a new approach; this approach is the STEAM approach. The STEAM direction is the most popular direction among Methodists in the world today.

THE MAIN BODY

Various approaches are used in the science and practice of pedagogy. Verbal demonstrative, critical, searching, systematic, functional, complex, technological, problematic-elemental, active approaches. From these, we will focus on the issue of the STEAM approach. Well, first of all, let's focus on the meaning of the word STEAM. This word is taken from the English language and has the following meanings:

S science	T technology	E engineering	A art	M math
natural sciences	technology	engineering	Art	Maths

The STEAM education direction is based on the application of a practical approach along with theoretical knowledge, as well as the integration of the above five subjects into a single educational system. The main idea of the STEAM approach is that practice is as important as theoretical knowledge. Our goal is to apply this approach to children's literature. , the fact that our children, along with reading fiction, that is, practice while reading with the brain, will help the child to better understand the work of art.

STEAM helps students develop the following important characteristics and skills.

- Comprehensive understanding of issues
- Creative thinking
- Engineering approach
- Critical thinking
- Understanding and applying scientific methods
- Understanding design and art

Let's consider the difference between the STEAM approach and other approaches based on the following table:

STEAM approach	Traditional approach
<ul style="list-style-type: none"> - The collaborative activity of the teacher and the student based on the interdisciplinary integration approach. In this process, the student and the teacher think creatively. - Makes you search for answers to the problems and questions - Teaching is based on artifacts (objects created by humans) and events. Context is interesting and important because it is related to the future. 	<ul style="list-style-type: none"> - The student performs tasks individually without knowing why - Answers arise simply due to the fact that ready knowledge is given, knowledge is given from the teacher to the student - Based on the plan and the textbook, topics will be covered, and what will be needed in the future will be discussed

So, children use their minds and hands to read and understand works on various topics. They learn to think, concentrate, and draw conclusions. They "read" the knowledge they received. In the STEAM approach, attention is paid to the child's practical abilities. They develop their will, creativity, adaptability. We will consider the lim direction in practice. In the current 6th grade literature textbook, Hojiakbar Shaykhov's "The First Test" is presented. [3.6th grade literature textbook, 2022,94] 4 hours are allocated to study this story. will be given information about. We will work with the assignments in the "Preparing to read the work" section. In the second hour, the text of the work will be introduced. In the third hour, the work will be discussed. We will try to learn in the direction. We will divide the students into 3 groups and name them with the names of celestial bodies and phenomena.

Group 1 "Rainbow"

Group 2 "The Sun"

We named the 3rd group "Universe".

The Rainbow group will be asked the following questions:

- write down events that happen in the sky;
- draw pictures;

Cards are distributed to the students, on each card they draw the names and images of events that will happen in the sky.

The "Sun" group will be asked the following questions:

- write the names of the planets;
- the task is to draw pictures.

They are also given separate cards.

The "Universe" group will be asked the following questions:

- write the names of heavenly bodies;
- drawing images;

Cards will also be distributed to them.

In the process of completing the above task, the children rely on their knowledge of geography. For example, the student writes the names of celestial bodies: moon, star, sun and describes them, i.e. draws a picture. This helps to expand the child's imagination and thinking. After they finish, they will be given the next task. They will be given

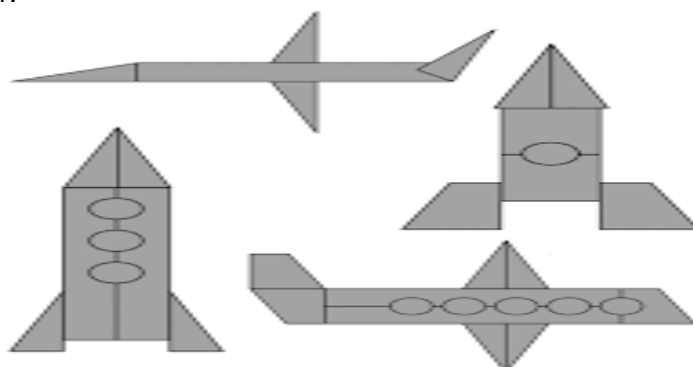
pictures related to the work "The First Test" and they will have to answer the following questions based on the pictures.

- to say what kind of image is reflected in the picture;
- commenting on the person, thing or event given in the picture;
- commenting on the profession and place depicted in the picture;

For example, it is recommended to give them the following pictures:



Pupils connect the story with these pictures. That is, they explain which part of the story is in the pictures in the picture. After the children have completed the tasks given in the story, the children's attention may be divided; the teacher immediately draws them back into the story. We will have to conduct another exercise for them. We will give them one piece of white paper.



Each child or group builds their own ship. This process draws their attention back to the lesson.

The students have read and analyzed the story and completed several tasks related to the story. Now we will give them the following task:

- list the words in the story that are unfamiliar to you;
- list the words related to scientific terms in the story;
- calculate what percentage of common words in the story are unfamiliar words;
- calculate what percentage of the total words in the story is made up of scientific terms;

Therefore, students rely on their knowledge of mathematics to complete this task. Studying Hojiakbar Shaykhov's "One Day Test" based on the STEAM approach, given in the 6th grade literature textbook, teaches the student to have comprehensive knowledge, to rely on the knowledge and skills acquired in all subjects.

In conclusion, it should be said that today, the organization of the educational process based on the STEAM approach is the development of theoretical, i.e. mental work in children based on practical skills and competencies, understanding of the world, knowledge and mutual integration between sciences directed at understanding the relationship. It should also be said that the STEAM approach is not just the integration of the five: science, technology, engineering, art and mathematics, but rather the integration of each subject point of intersection of knowledge within a specific discipline and another discipline. This direction teaches the child to think creatively, to acquire science-related knowledge in an easy and simple way based on children's interest in science and their own interests. Because today's children should grow up mature and mature in all aspects.

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