



THE ROLE OF PROBLEM-BASED EDUCATION IN ENHANCING THE NEEDS OF STUDENTS` KNOWLEDGE ACQUISITION IN TEACHING PROCESS

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Abstract:

In this article, the role of problematic education in the educational process, the peculiarities of its application, the formation of the ability to read books independently in order to ensure the spiritual maturity of the pupils at school, and the knowledge acquisition is aimed at finding and developing creative skills using all available opportunities. It consists of applying theoretically acquired knowledge in practice and guiding independent thinking.

Keywords: education, learner, personality, spiritual maturity, reading, individuality, development, acquired knowledge, skill, qualification, degree, problem, goal, material.

The principles of socio-economic development of our republic in the current period require further increase of our spiritual potential and economic power, to meet the requirements of the scientific and technical development of the 21st century, in order to take a worthy place among the developed countries in the world. .

For this purpose, it is necessary to use the methods of learning and changing the worldview of our youth, raising their knowledge and spirituality to the level of world standards in the educational process.

Today, the society has set the task for educational establishments: to develop special abilities, use rationally all opportunities for learning, motivate independent thinking skills, make decisions and act independently.

The advantages of problem-based education lead to the inclusion of many positive qualities in them, including, in order to ensure the spiritual maturity of the student at school, the ability to read books independently, to use all the opportunities to acquire knowledge. Creativity skills are required.

Such approach of teaching, in turn, frees the student from plagiarism, laziness, inability to justify his own opinion, ready-made templates, fixed patterns. Problem-based education is a guarantee of independent, free, logical, scientific, creative thinking, creation of new ideas, and overcoming the obstacles encountered on the way independently and with a creative approach.





This means that the educational material has been mastered, strengthens knowledge, solidifies and improves knowledge. It creates a positive emotional reaction to reading in the student, forms an internal need for learning. The leadership role of the teacher is preserved even in problem-based education. It is the teacher who selects the necessary material and shows the problem, based on the general and individual progress of the students, the level of acquired knowledge, skills, and qualifications, and how appropriate the problem is to the general goal.

The theory of problem-based education further develops that it explains the psychological-pedagogical ways and methods of developing the student's intellectual power and organizing education.

It is important to note that determining the role and importance of problematic situations led to the idea of restructuring the educational process based on the consistent consideration of the psychological and pedagogical laws of the student's active thinking.

Based on the theoretical consideration of new pedagogical facts, the main idea of problem-based education is determined as following:

- in problem-based education, almost a large part of knowledge is not given to students ready, but acquired by students in the process of independent cognitive activity in the conditions of problematic situations.

We all know that an important indicator of comprehensive and harmonious development of a person is the presence of the ability to think at a high level. If education leads to the development of creative abilities, then it can be considered developmental education in the modern sense of the word.

Developmental education can be considered as education that leads students to general and special development, in which the teacher helps his students learn the basics of science, relying on knowledge of the legal development of thinking, with the help of special pedagogical tools. The conducted goal-oriented work is related to the formation of thinking ability and the need for knowledge.

In order to apply problem-based teaching technology to the teaching process, the teacher must solve the following issues:

1. It is possible to pass the subjects of the curriculum in the form of a problem lesson;
2. Identifying questions and tasks that cause a problematic situation regarding the issues in the subject text, following the principles of being scientific, systematic, logical sequence, and consistency of didactics;

It is necessary to determine the means and methods that ensure the activation and management of students' cognitive activities, and to determine the ways of their proper and effective use. In this type of education, the teacher works individually with



students. This requires professional skills. The fact is that one or another educational task is difficult for one child and easy for another.

In order to organize the educational process properly, it is necessary to ensure that each student is engaged in solving the problem at the level of his strength during the lesson.

In such a process, problem-based learning from the teacher's pedagogical experience should take place as an effective method that teaches the student to think independently and forms him as an intellectually active person. The main tasks of problem-based education are as follows:

1. Making students' learning activities independent and creative
2. To ensure that the student acquires new knowledge and methods of activity.
3. To develop students' independence and creative abilities in learning
4. Increasing the scientific level of education.
5. To ensure the formation of a scientific worldview in the student.
6. To develop emotional and volitional qualities in a person who formed, to awaken in his heart an inner desire to know the secrets of man and the universe.

Problem-based education is related to the student's activity of mastering knowledge and putting forward their own proposals, foundations, proofs, and hypotheses in solving problems, organizing problem situations and getting out of them by analyzing the problem situation. a separate system that is. This mental activity serves to acquire knowledge and new concepts consciously under the guidance of the teacher, to ensure and activate the independence of thinking, and to form a personality. The task of the teacher is to organize a certain problem situation, for that firstly he must explain to the student what the problem is, to arouse in him the desire and inner need to solve this problem. The process of solving problematic issues, in some cases, requires the joint activity of the student and the teacher.

The task of the teacher is to give the necessary recommendations to the students to solve the problem, to direct them to acquire knowledge, to motivate them to solve the problem independently and to approach it creatively. Problem-based learning helps students develop their creativity as well as their independent thinking. Creativity is not something special and can be manifested in any aspects of human activity.

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