



APPLICATION OF INNOVATIVE TECHNOLOGIES IN TEACHING SUBJECTS

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ABSTRACT

This article discusses ways to further improve the knowledge and skills of learners by organizing lessons using a number of new teaching methods in the educational process. There are also methods of using innovative forms of education in order to strengthen the learning activities of learners, to improve the quality of teaching.

KEYWORDS: *modern teaching technologies, case studies, problem and problem situation, pair work, team teaching, learning, cognitive activity, creativity, research, problem situation, module, module program.*

INTRODUCTION

Today, the personnel training system has been radically reformed, as Uzbekistan is confidently moving towards building a democratic state based on the rule of law and a fair civil society, in the social policy of the state, the priorities are the interests of the individual and education. The need to provide the educational process with advanced pedagogical technologies is also one of the conditions for the implementation of the National Program for Personnel Training. For this reason, we take a historical approach to the study of the emergence and development of this pedagogical phenomenon.

An important condition for the development of our country is the perfection of the training system, the development of modern economy, science, culture, engineering and technology.

The national program for personnel training is aimed at radical reform of the system of continuing education and training.

When implementing the "National Program", the existing systems of education and training will be radically changed on the basis of the achievements of modern scientific thought and social experience, ahead of methodological training at all stages of the educational process, in all forms and types of lifelong education.

Modern pedagogical technology has its own theory related to pedagogy and other scientific achievements; it is primarily aimed at building the educational process on a scientific basis; it lays the

foundation for the joint work of teachers and students based on the extensive use of information media, didactic materials, active methods of teaching (1, p.28).

It will have a positive impact on the renewal of the teaching profession as a real engine of educational development in the future, the optimal construction of the educational process, the formation of free thinking, thirst for knowledge, loyalty to the Fatherland, humanity in students.

THE CONTENT OF THE ISSUE

Educational innovations are forms, methods and technologies that can be used to solve an existing problem in the field of education or the learning process on the basis of a new approach and guarantee an effective result. In modern conditions, it is advisable to use innovative forms of education in order to strengthen the learning activities of students, improve the quality and effectiveness of teaching. Today, practical games, problem-based learning, interactive learning, modular-credit system, distance learning, blended learning and master classes are implemented through the main types of educational innovations (1, p 45-46)

we will focus on mass technologies in the organization of interactive education in educational institutions, that is, problem-based learning technologies. The task of developmental education is to develop the life skills and competencies necessary for the person's individual development. The



peculiarity of developmental education is that it forms in students the theoretical understanding and practical skills to solve tasks. It serves to realize the creative abilities of students. The main link in the technology of developing education is the problematic direction of education.

In-depth study of problem-based learning has 3 different views from the scientific and methodological point of view:

- Creating a problematic situation.
- Problem statement.
- Find a solution to the problem.

A problem situation can be formed in all of the training sessions. The extent to which it is organized depends on the skill, knowledge and ideas of the teacher. The importance of a problem situation is that it draws students' attention to one place (problem) and teaches students to explore, to think. At the same time, students develop a sense of self-confidence. (2, p.34-35)

Problem-based education creates a problematic situation under the guidance of a teacher, which involves the organization of the educational process that allows students to creatively acquire theoretical knowledge, practical skills and abilities and develop intellectual activity as a result of active, independent work and in the teaching process, students are given assignments to analyze research, problem situations. For example:

- with an unformed question;
- with redundant data;
- independent generalization on the basis of own practical observations;
- determine the limits and levels of application of the obtained results;
- determine the mechanism of manifestation of the phenomenon;
- assign tasks such as "instant find" (3, p 67-69).

The algorithm for solving a problem situation is implemented in the following order: problem statement, data collection, processing, identification of the solution model, collection of additional data and their reflection in the selected solution model, to identify the contradiction between the new data and the solution model, to find a solution to the conflict, to create a new solution model. (4)

The "problem situation" method is a method aimed at developing students' skills in analyzing the causes and consequences of problem situations, as well as finding solutions to them. The complexity of the problem chosen for this method should be appropriate to the learners' knowledge levels. They need to be able to find a solution to the problem posed, otherwise not being able to find a solution will

lead to a loss of learners' interest, a loss of self-confidence. When using the "problem situation" method, learners learn to think independently, analyze the causes and consequences of the problem, find a solution. (2, p.78-79)

Carefully watching the video prepared by the learners for the lesson and trying to identify the problem highlighted in it, saving in memory or marking in notebook, (If it is not possible to show a video, then the teacher can use a poster, picture, booklet, poster or a text describing a problem on the subject of the subject, the study material in the book): as a result of training with such technology, students learn that before solving a problem, they must identify the, and then they must choose the methods and techniques they need and clearly define their actions. (4)

CONCLUSION

Based on the above, it can be said that using a number of new methods in teaching in the educational process allows students to further increase their knowledge and level by organizing lessons. The methods of using innovative forms of education in order to improve the quality of teaching of students are of great importance in strengthening their learning activities.

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