MODERN METHODS OF TEACHING MATHEMATICS IN SECONDARY SCHOOLS

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ABSTRACT

This article uses an unconventional method to help students achieve better mastery of a topic in an optimized math curriculum in general secondary schools.

Keywords:creative thinking, teaching effectiveness, developed, independent person, fast working.

INTRODUCTION

The 21st century requires rapid growth and development as a result of the social conditions in the education system. lum. President on this issue We know and see that Shavkat Mirziyoyev has received special attention. As the saying goes, "The more educated our children are in school, the more high-tech sectors of the economy the faster it develops, the more social problems it will be able to solve. Therefore, When I say that the threshold of a new Uzbekistan begins with school, I think all our people agree.

An analysis of the pedagogical software tools currently used in the teaching of mathematics in general secondary schools shows that they do not fully meet the pedagogical requirements of teachers. Therefore, it is necessary to introduce some methodological changes as a certain innovation in the traditional forms and methods of teaching based on information and communication technologies. That's I pedagogical and psychological basis of the use of software in teaching

requires development. Today, about 80 innovative technologies and methods are used in the system of continuing education in Uzbekistan. In this work, it is the work of future mathematics teachers to learn ways and means of solving problems the need to improve the content of vocational train on an integrated approach indicates the presence of Students will be introduced to several concepts in each lesson. Each can be mastered at different stages of the lesson. If the understanding of each concept is done by repeating, remembering another concept, this concept serves to explain the next concepts. Each learning material in the teaching process s developed in such a way that the learning material is followed by the teaching materials will be the basis for understanding. If we study the process of mastering another concept, it is formed as a result of the interconnected teaching of several lessons.

One of the most important requirements for the organization of modern education is to achieve high results in a short time without spending too much mental and physical effort. To provide students with specific theoretical knowledge in a short period based on a specific activity building skills and competencies, as well as monitoring student performance and assessing the level of knowledge, skills, and competencies they have acquired, requires high pedagogical skills and a new approach to the learning process from the teacher. Pedagogical technology is subjective Regardless of the form, method, and means of organization, technologies:

- increase the effectiveness of pedagogical activities;
- decide on the interaction between teachers and students;
- Acquisition by students of a thorough knowledge of the subject
provide;
- develop students' independent, free and creative thinking skills;
- create the necessary conditions for students to realize their potential;
- ensure the supremacy of democratic and humane ideas in the pedagogical process. Forced use of pedagogical technologies is not possible. On the contrary, it is advisable to develop them creatively, while using advanced technologies based on or used by experienced educators.

Today, in some developed countries, increasing the learning and creative activity of students and ensuring the effectiveness of the educational process. There is a great deal of experience in the use of pedagogical technologies, and the methods that form the basis of this experience are called interactive methods.

There are many benefits to using computer training. For example, it speeds up the teaching of specific problems and examples to students and saves time. The extra time will increase and as a result, the number of assignments to be practiced can be increased. This will speed up the students' performance. As a result of the need for active computer control, the student becomes a subject of learning. Students will have the opportunity to model and demonstrate processes that are difficult to observe and analyze. It is possible to provide the lesson with remote resources using communication tools. Communication with the computer takes on the character of a didactic game, which increases the motivation of students to study. In the process of computer-assisted learning, learning is organized, managed, and controlled according to the relationship between the learner and the computer.

The organization of computer-based learning is the establishment of a computer-based link between the student and the learning material. Education is designed to establish a link between the student and the learning material. The organization of students' learning activities and their motivation are modeled based on appropriate tools. Many e-learning materials have been developed for use in the educational process, such as e-textbooks, e-learning manuals, and teaching software tools. They provide certain effectiveness in education due to the presence of features such as controllability, interactive methods, elements of artificial intelligence, emotional flexibility.

CONCLUSION

New priorities for the development of our country in today's world of education have been identified. In the Action Strategy for the Development of Uzbekistan for 2017-2021. The development of functional literacy of students is included in the national action plan. School is the key to improving the quality of education as the development of functional literacy of school students. It requires the ability to work actively in society, self-determination, self-improvement, and self-realization. At the same time, great work is being done in the field of mathematics. But it is not enough to create new and effective programs and methods to build a great future and disseminate them widely among students. Because life is short, it is time to use it wisely for more useful things.

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