

APPLICATION OF MODERN EDUCATIONAL TECHNOLOGIES AND TEACHING METHODS

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Abstract: An exciting and pleasant expectation is a meeting with the students of your class. Time is running out, there are a few minutes left before the start of the first lesson. How many correct and necessary things have been changed again.

His Majesty is the Bell! You start the lesson: the topic, the problem, the problematic issues, the organization of the search, ... You captivate the kids and see genuine credulity, craving for new things. You mark- there is a contact, it turned out to light up! Interest in the subject is aroused! Now the task is to keep the innermost and meet the set level.

Keywords: modern educational technologies, effective, development, resources, active teaching method

Introduction: How different are all the children in the class. Some write beautifully and do everything correctly, but they are not active and silent in class. Others are talkative, restless and inattentive, therefore they have little time. But these are always in contact with the teacher: they are the first to answer, solve enthusiastically, ask interesting questions, offer original ways of solving tasks. They talk about them:

"Successful in learning". The teacher's task is to develop, teach and improve the quality of students' knowledge. Some should be "retained", others should not be allowed to become laggards, and others should be elevated to the rank of "gifted".

How to find such a technology to teach and get high-quality results? This is a problem! After all, against the background of the abundance of a wide variety of modern technologies, it is not so easy to choose the most effective one.

When does the technology become effective? I will try to answer:

The technology will be effective if it relies on:

- on individual styles of students' cognition,
- on the methodological aspects of the use of technology,
- on decent criteria for evaluating its implementation.

We were all children once and we know how sometimes we don't want to read boring textbooks, memorize rules, definitions and theorems invented by someone, sit still in lessons that last a very long time. Therefore, it is necessary to introduce into practice "active forms of learning" - active methods that stimulate the cognitive activity of students.

"Active teaching methods" - new in science? innovation in education? What is it?! How many are there? What are they like? Methods of effective teaching of students are heuristic, search, problem, research, project, game, interactive, distance, communication, case – study, as methods of a creative nature in combination with methods of independent, individual and group work, learning in collaboration. Some of them we use more often, others are in the development stage.

In order to teach qualitatively, new pedagogical technologies, active teaching methods and effective forms of organization of the educational process are required, and, of course, appropriate teacher training.

I propose to consider the formula:

Interactive learning technology + distance learning technology = high-quality and affordable learning every student, highly motivated and gifted, children with health problems.

I have been using this technology for several years, and the accumulated experience allows me to confidently speak about the high efficiency of its application.

This is a godsend. Technical means of teaching have always attracted, and the use of modern information technologies allows you to implement ideas in teaching students mathematics.

Why is the distance education system becoming more of a priority? What's the secret? The first secret: high-speed and exciting teacher preparation for a math lesson. The second secret is instant verification of solved tasks. The third is that students do their homework remotely - it's interesting, new, curious and fascinating. In conditions of winter quarantine, severe frosts, you can actively study mathematics, there is no lag in the subject. The gifted are in the mode of learning new and interesting things and preparing for the Olympiads. Those students who cannot attend school during their illness are aware of the events of the lesson.

It is not the first year that I have been using Internet educational resources in teaching. In his virtual personal account, the teacher has the opportunity to prepare interactive trainings and tests, send assignments to each student's personal account. At any time, you can observe which of the students: decides at the moment, decided and postponed the work, how many decided, did not proceed to the decision, asks for a virtual consultation, wants to re-solve and asks to update the task. Students' grades for completed tasks are automatically recorded in the online magazine, they are available for viewing by students and their parents.

Graduates of other classes who want to improve their knowledge in mathematics can study using the new technology. And this is a real teacher's help to students in self-preparation for the state final certification.

Online learning has its obvious advantages, both for the student and for the teacher: freedom of space, saves time and money, the teacher actively cooperates with the students and vice versa.

So we found a way to implement high-quality and affordable education for every student, highly motivated and gifted, as well as children with health problems.

These are: Distance learning as teaching with a teacher, using modern computer technologies, under full control, with individual support

I believe that teaching should be modern, interesting, accessible and of high quality.

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