

TEACHER'S USE OF MULTIMEDIA RESOURCES TECHNOLOGY IN TEACHING
MATHEMATICS LESSON IN PRIMARY GRADES

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Annotation: This article covers the role and importance of information and communication technologies in the modern educational system. Effective methods of applying innovative technologies in teaching mathematics in elementary grades, the role of multimedia resources in the interactive and interesting organization of the educational process are discussed. The advantages of computer technology in the processes of preparation, control and assessment of students' knowledge of educational materials are also outlined. The article presents proposals for the formation of students' independent thinking skills and improving the quality of the educational process through the widespread introduction of innovative educational tools. This article is useful for primary education teachers and professionals interested in modernizing the educational process.

Keywords: innovative technologies, information and communication technologies, primary education, mathematics lessons, multimedia resources, interactive education, pedagogical methods, educational process, computerized education, mathematical thinking of students, quality of Education.

In the modern educational system, it is important to use innovative technologies to more effectively and interactively organize the educational process. The application of new pedagogical technology in teaching mathematics in elementary grades plays an important role in increasing the development of the mathematical worldview of students, their logical thinking in favor and interest in acquiring knowledge. Thus, through the use of multimedia resources, it helps to make mathematics lessons interactive, interesting. Multimedia technologies are products that combine painting, video, audio and animation, allowing students to actively participate in strengthening mathematical objects, solving problems.

Special attention is paid to the training of highly qualified personnel in our country by organizing the educational process based on the requirements of the time, including the introduction of Information Communication Technologies in the higher education system. In the strategy of Action for the further development of the Republic of Uzbekistan, it is established as an important priority "to further improve the system of Continuing Education, increase the capabilities of quality education services, continue the policy of training highly qualified personnel in accordance with the modern needs of the labor market". Currently, much attention is paid to the computerization of teaching in the field of education, since the use of modern teaching technologies in the course of the lesson gives great positive results [1].

Taking classes using multimedia tools in math classes teaches students to work independently, increases the quality of the lesson, and creates the visual capabilities of the lesson. The possibilities

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that a computer can create in the implementation of information and communication technologies in the educational process are as follows:

- creation of computerized models of topics as well as the convenience of targeted use of materials;
- selection and systematization of materials in accordance with the characteristics of each group, as well as dramatically saving it using time efficiently;
- ensuring scientific reliability of the teaching process based on the possibilities of visual preparation and decoration of lesson materials;
- the convenience of constantly replenishing, updating and expanding electronic materials for students, etc.

On the way to modernizing the educational process in our country, it is becoming a requirement of the period for pedagogical staff to carry out research on the implementation of new methods and means of Education. To achieve these goals, it is important to solve the following when teaching mathematics:

- to refer to the basic principles and methods of computerized teaching in the process of teaching mathematics;

-to adapt the educational process to information and communication technologies and ensure the formation of information and communication expressions in them. The use of computer technology in the teaching of mathematics has its high effect, it also provides a wide range of opportunities for controlling and evaluating the knowledge of students. The most convenient, effective and effective way

- from ready-made software-to determine the level of knowledge gained on each topic in a test method, pictorial means are the possibilities of using calculated animated, video, voice software. Examples and issues that will have to be solved in mathematics in a particularly short time can be easily and conveniently demonstrated through computerized technology. It differs from other subjects in that the implementation of practical classes is provided for in the teaching of mathematics. In this place, the computer effectively helps educators [2-3].

Choosing specific tools: making a list of software and multimedia resources suitable for primary classes. These resources should be appropriate for the age of the students and subject characteristics.

Lesson planning: to give detailed recommendations on how to organize the course process on the basis of multimedia and information technology, for example, the preparation of test programs, the use of interactive presentations.

Practical experience sharing: develop sample lesson projects based on advanced experiences, share them with educators and widely introduce them.

Monitoring and evaluation system: optimize the process of assessment and control of students using ICT.

There is a saying in pedagogical views that "an ordinary teacher - speaks, a good teacher - shows, a very good teacher-motivates." In accordance with the requirements of the time, each teacher of science should be the owner of innovative activities, as well as having acquired his specialty, deep mastery, thorough mastery of pedagogical-psychological and methodological knowledge, skills and qualifications, awareness of modern pedagogical and information technologies that increase the effectiveness of the educational process and the ability to apply them in the educational process. At the moment, the teacher is the author of each lesson. Because the teacher relies on the experience of advanced teachers in the preparation of this lesson, learns methodological manuals, etc.

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In a mathematics lesson, all elements of the educational process are in harmony. These are inextricably linked with the purpose and content, tools, methods, forms of formation of Education. A teacher working in primary classes should be a spiritual perfectionist who correctly understands the duty of patriotism, deeply knows the knowledge of his specialty, is also aware of national and universal values, secular, religious sciences. Primary education is the main foundation [4-5].

Nowadays, interest, attention to the widespread use of innovative technologies, pedagogical and Information Communication Technologies in the educational process is gaining momentum day by day. One of the main reasons for this is that in traditional education, students are taught to acquire only ready-made knowledge, while in elementary education, modern technologies teach them to search for the knowledge they are acquiring, study and analyze independently, and even draw conclusions themselves. The teacher creates conditions for the development, formation, knowledge and upbringing of the individual in this process. The professional potential and level of education of the primary school teacher, child psychology, knowledge of the modern methodology of primary education and the constant independent work of the teacher on his own should be aware of all the innovations in science, be able to share his experiences with experienced methodologists with advanced methodologists, demonstrate effective teaching methodologies.

In conclusion, the use of information and communication technologies in the modern educational system makes it possible to effectively and interestingly organize the educational process. The use of innovative technologies in mathematics lessons in elementary grades plays an important role in the development of students' mathematical thinking and interest. With the help of computers and multimedia tools, classes can be held visually, interactively and efficiently.

Thanks to this, students learn to think independently, better assimilate lesson materials and save time. In addition, the possibility of constant updating of electronic resources will further improve the educational process. Thus, the widespread use of innovative technologies in the educational process not only increases the quality of education, but also develops the creativity potential of teachers.

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THE MULTIDISCIPLINARY JOURNAL OF SCIENCE AND TECHNOLOGY

VOLUME-5, ISSUE-1

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