# Use Of Multimedia Technologies in Primary Class Mathematics Lessons

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**ABSTRACT**

Today, the only and most modern form of information presentation is multimedia tools. This article shows how multimedia tools can be used in primary classes.

**Keywords:** Information technologies, multimedia, information systems, capabilities, interactivity

The experience of using multimedia tools in the process of national education of our republic is being formed, which is also the need of the times. In addition to the traditional opportunities that determine the basis of social development in our society, advancing information tools are factors such as people's ability, initiative, creative approach to work, intellectual activity, and independent improvement of their knowledge and skills. The process of creating information related to the storage, transfer, and reception of large amounts of information envisages the development of computer technologies in various areas of human activity.

Human thinking is becoming so advanced that the process of technicalization and computerization is boldly entering not only the various fields of production, but also the fields of culture and education. The rapid development of computer technologies has raised the educational process to a new level. This, in turn, created the need to enrich with new knowledge and skills to revise the content, methods and forms of education.

Today, the level of professionalism of specialists working in various fields of our society is determined by their mastery of computer technologies. This has become the need of the hour. In order to meet this demand, a sufficient base must be created in the process of training specialists, that is, in educational institutions.

Currently, educational institutions are working on current problems such as creating the scientific basis of new pedagogical technologies, classifying them, and determining their methodological importance. New pedagogical technologies mean computerization of education along with traditional and non-traditional methods. In this sense, the increasingly formed computer-information culture, information culture creates new relationships in the delivery and reception of information, creates a new type of thinking.

We will mention the multimedia tools that can be used in mathematics lessons in elementary grades.

Electronic means of education. The teaching process consists of the interaction of the pedagogue, learner and teaching tools. Modern computer tools and information technologies allow teaching tools to be assigned part of the tasks of teacher and learner.

Electronic educational-methodical complexes are didactic, programmatic and technical interactive complex of teaching in the environment of modern information technologies and present educational materials on the basis of computer technologies, audio-video tools.

Educational materials in electronic form - electronic textbooks, electronic study guides, electronic lecture materials, electronic libraries, audio-visual materials of suitable capacity, interactive training courses, laboratory tasks for computing experience on a computer, testing systems.

An electronic textbook is a teaching tool designed for the use of computer technology-based educational methods, independent education, educational materials for a specific subject, educational literature aimed at effective assimilation of scientific information, or computer technology-based teaching methods.

Electronic educational literature is educational resources that have the ability to collect, describe, update, store, present knowledge interactively, and control it based on modern information technologies.

Multimedia is a technical or software complex consisting of a collection of sound, video and various animation effects designed for a computer. Sound, video, animations can be called "multimedia elements".

Multimedia technologies integrate many types of information. For example, a) scanned images; b) recorded sound, musical effects and music; d) videos with complex video effects; e) various animations.

In addition, in addition to multimedia tools, a projector and an interactive whiteboard can also be included.

It is also worth noting that the knowledge gained through multimedia is stored in a person's memory for a long time and allows to use it in practice at the right time. In general, the following teaching effectiveness is achieved by using multimedia:

through multimedia, students' interest in science increases, it is much easier to involve all students equally in the lesson;

topics explained through multimedia are easier for students and remain in the student's memory for a longer time;

acquisition of knowledge is not forced, but by the student's choice;

multimedia is positively received by the student, which, in turn, changes his attitude to the academic subject in a positive direction;

the student has the opportunity to express himself to others;

a new objective criterion appears for the student to evaluate his performance: the one who knows more and can use it successfully wins;

the opportunity to give free rein to one's fantasies arises, the feeling of fear, the feeling of laughing at others, the feeling of fear of getting a bad grade recedes;

an environment of healthy competition and competition is formed in the team;

students strive to overcome existing difficulties independently;

the possibility of actual implementation of interdisciplinary connection arises.

Multimedia books are educational book software tools consisting of textual, audio, static-dynamic and video data collected in a single information carrier.

Flash is a tool of creativity of a web designer, it is a program that can be used to create various presentations, small games, multimedia web pages, dynamic sites and any other multimedia products. Products created using Flash are small in size, so it is very convenient to embed files made with it on web pages or send them over the Internet.

In Flash, mainly the following is prepared:

• cartoons and cartoons;
• videos;
• games;
• presentations.

The Microsoft Power Point program is created under the Windows shell, and this program is one of the most convenient software tools for working with presentations. All visual aids can be created with this program and in some places can be used as a database. In some cases, this program can also be used to control and support multimedia devices and send them to display devices. Let's get acquainted with the main concepts that are new to work in the program.

A presentation (slide) is a separate frame of a presentation that includes text, headings, graphics, and diagrams. Slides created with Power Point tools can be printed on a black-and-white printer, or 35 mm slides can be made on photo films using special options.

The use of multimedia also shows the level of computer literacy the teacher has. At a time when computers and the Internet have become a modern requirement, our teachers must also know how to use these elements.

In conclusion, it can be said that nowadays everyone has a need to constantly use multimedia in their work. Multimedia tools are an integral part of modern information and communication technologies and have become a part of our life. The use of multimedia technologies in the educational process serves to increase the quality of education and the learning efficiency of the learner. Multimedia technologies make it possible to model macro and microworld processes and imagine them, record unforgettable moments, prepare entertainment materials, and create a basis for people's recreation and leisure.

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