

Multimedia Technologies and Their Use in the System of Preschool Education

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Annotation: The paper considers one of the most dynamically developing and promising directions of information computer technologies - multimedia technologies and their use in the system of preschool education.

Keywords: multimedia technologies, in formalization of preschool education, promising areas, computer programs, project activity.

Introduction. Recently, in our country there has been a rapid development of new information technologies, which leaves a certain imprint on the development of the personality of modern child. Information technologies penetrate deeper into human life; and information competence increasingly determines the level of his education.

Main part. In formalization of preschool education is a complex, multifaceted, a resource-intensive process in which children, teachers, and the administration of the preschool educational institution participate [5].

In formalization of preschool education opens up new opportunities for educators opportunities for widespread introduction into pedagogical practice of new methodological developments. The use of information and communication technologies in kindergarten allows you to modernize the educational process, increase efficiency, motivate children to search activities, differentiate teaching taking into account the individual characteristics of children.

The use of information technology in the educational process of preschool educational institutions - one of the new and urgent problems in domestic preschool pedagogy. Relevance its solution is due to the urgent need to modernize the system of preschool education and improve its quality.

Classes in kindergarten have their own specifics; they must be emotional, with involving a large illustrative material. All this in the classroom can provide only computer technology with its multimedia capabilities. At the same time, the computer should only complement the educator, and not replace him.

Currently one of the most dynamically developing and promising directions of information computer technologies are multimedia technologies. This term came to us from the English language (multimedia - from multi - a lot and media - environment).

Multimedia, as noted in the literature, is a complex of hardware and software tools that allow you to enter into a computer, process, store, transmit and display data types such as text, graphics, animation, digitized still images: video, sound, speech [2].

S.L. Novoselova considers the concept of multimedia as a possibility with the help of computer to provide information to the user through all possible types of data, such as audio, video, animation, image and others in addition to traditional ways of presenting information, such as text [1].

Of course, there is a need to equip preschool educational institutions with modern multimedia equipment, such as:

- multimedia projectors;
- interactive electronic boards;
- Slide projectors, etc.

If there is a computer, projector and screen in preschool institutions professionals have the opportunity to create such an educational environment that interesting, informative for children and is modern, which meets the requirements society.

Basically, teachers of preschool educational institutions use digital camera, video camera, voice recorder, projectors, computers, printer, and some types of this most complex technique can be used not only by educators, butane under their guidance and the preschoolers themselves.

The range of information used by teachers in the educational processesresources today is very diverse. First of all, these are computer developing programs for children. One of them is the Back to School program. It contains complex of exciting task games, which, combined with colourful illustrations, exciting stories, animation contribute to the development of mental processes children: speech, memory, imagination, thinking, expanding their horizons. Big The Land of Knowledge program is popular among children and adults. She designed not only for the joint work of teachers with children, but also for independent work of preschoolers on the computer. The program includes interactive educational games that describe the adventures of various characters, with which various events occur.

The advantage of this program, in our opinion, is the fact that the game shaves different levels, so children can independently achieve different results in it. The games presented in this program do not require complex technical skills from preschoolers, in particular keyboard skills. Clicking mouse, children move various objects on the screen. In addition, the program also provides a system of hints that allow the child to find without the help of an adult correct answer. Thus, teachers have the opportunity to organize individual lessons of a child with a computer at a pace suitable for him, help children to master practical ways of working with information.

However, it is important to note that not always available computer programs can bemuse with preschoolers. As a rule, various games and presentations, publicly available on the Internet do not correspond in their content didactic principles (first of all, the principle of scientific character, taking into account age characteristics of children), are aimed at the development of aggressiveness, cruelty, violence in children.

Therefore, experts develop and actively use copyright thematic multimedia presentations. Presentations allow you to immerse the child deeper in the subject study, to create the illusion of belonging, empathy with the object being studied.

Practice shows that creating presentations takes a lot of time, because you need to find the necessary illustrative material, think over its location, technical design. In search of information, educators are helped out by multimedia encyclopaedias. In these discs, they use not only illustrations, videos, but also texts that are already adapted for children's perception.

For several years, multimedia tools and technologies have been used in preschool educational institutions in project activity. In the course of project activities using multimedia, it is possible to solve a number of tasks:

- development of creative abilities;
- creation of conditions for social self-expression of children;
- familiarization of teachers, parents with computer technologies, digital technique;
- teaching children photography skills;
- The formation of initial ideas in children about the professions of a journalist, correspondent, TV presenter.

Like any project activity, projects using multimedia have their stages: teachers form a group of project participants of 4-5 people. As An example is the work of children and adults on the project "Secrets of anthills". IN at the beginning, it is necessary, together with the children, to develop the stages of the project implementation -planning activities, collecting information, then preparing a presentation, presentation project, reflection.

An important step of the project is a survey of children, parents and relatives. How as a rule, it is necessary to create conditions for the survey to be conducted by older preschoolers: Yes are there anthills in the city? Are they dangerous? What happens if they disappear? The search for information begins with dictionaries and encyclopaedias, from which necessary information. Further on the Internet, with the help of adults, children find illustrations, photograph the selected objects, the most interesting ones need to be printed. You can also make riddles, shoot a video report, and come up with a quiz. Usage entertaining game techniques "Games in journalists, photojournalists" expand children's ideas about professions contribute to the socialization of children with disabilities. Environmental excursions contain not only a description of the area, knowledge about the territory, but also obtaining aesthetic pleasure from the contemplation of nature, cultural monuments. An important role in ecological excursions is played by historical and cultural characteristics. Terrain [5, p. 127].

The collected materials can be arranged into a presentation, photo albums with comments, photos and video reports. This activity will help preschoolers to feel more confident in a group of peers, to assert themselves [4].

Thus, children in the course of research activities will acquire the ability to plan your actions. You can also organize projects such as "Sunshine: benefit and harm", "How the wind appears", etc.

Conclusion. Computer technologies should be organically integrated into the system of work of an educator, a psychologist, a social pedagogue, a speech therapist, etc. without replacing direct interpersonal communication with children, but only helping to solve the tasks. Thus, the use of multimedia technologies in the work of PEI specialists is possible and necessary.

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