

Use of Information and Communication Technologies In Preschool Education

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Annotation: The article discusses modern information and communication technologies, the advantages of using information and communication technologies in preschool education, the effectiveness of using information and communication technologies when organizing classes in preschool education.

Keywords: information, technology, communication, presentation, preschool education, teacher, information, visual, audio, video, program

1. INTRODUCTION

Information technology (as well as information and communication technology) is a set of methods and processes for searching, collecting, storing, processing, presenting, disseminating information.

Information and communication technology can be described as “anything that allows us to receive information, communicate with each other, or interact with the environment using electronic or digital equipment”. In preschool education, the term information and communication technology can include computer hardware and software, digital cameras and camcorders, the Internet, telecommunications, programmable toys, and many other devices and resources.

2. OBJECTIVES

The literature cites at least three reasons for the importance of information and communication technologies in preschool education. First, information and communication technologies are affecting the environment and people in which young children learn. Second, these technologies offer new opportunities to strengthen many aspects of preschool education practice. Third, there is support and interest from the entire education sector to integrate information and communication technology development policies, curricula and practices.

3. METHODOLOGY

Today, the educator must have thorough theoretical training, leadership skills, skills to organize educational work and be able to motivate children to work. Information and communication technologies can help preschool teachers in this regard. Classes with the use of information and communication technologies help to overcome high emotional stress and stimulate the learning process in children, increase their motivation to read.

The modern stage of education requires new working conditions. For many centuries, the process of transmitting knowledge and experience has been done through personal communication. Over time, we began to draw most of our knowledge from books. However, a book is not always a substitute for communication and does not allow us to imagine, see and understand the information it contains. Today is the age of high computer technology. This means that the use of information and communication technologies in preschool education is an objective and natural process.

The combination of education with information and communication technologies has a number of advantages compared to traditional teaching, including the activation of children's analytical activities.

Today, information technology is significantly expanding opportunities for parents, teachers, and preschool professionals. The possibilities of using modern computers allow the most complete and successful implementation of the development of children's abilities.

Unlike ordinary technical means of teaching, information and communication technologies not only provide children with a large amount of ready, well-chosen, well-organized knowledge, but also allow them to develop their intellectual, creative abilities. and develops children's ability to acquire new knowledge independently.

The computer's ability to present information simultaneously in the form of text, graphics, sound, speech, video, storage and high-speed processing of information allows professionals to create new tools for children that are radically different from all existing games and toys. will give. All this places new qualitative demands on preschool education.

Therefore, the introduction of information technology in the system of preschool education and upbringing is important. Practice has shown that children's interest in lessons and cognitive abilities increase. The use of new non-traditional methods of

explaining and reinforcing learning materials increases children's involuntary attention, helping to develop voluntary attention. Information technology provides a person-centered approach.

Outside of class, computer games help to strengthen children's knowledge, and information technology allows them to work individually with children who are ahead or behind their peers in intellectual development. Computer programs teach children independence and develop the ability to control themselves.

A computer can enter a child's life through play. Game is one of the forms of practical thinking. In the game, the child moves with his knowledge, experiences, impressions.

In the process of preschool children's computer-enriched play activities, new mental forms (theoretical thinking, advanced imagination, ability to predict the outcome of action, design qualities of thinking, etc.) appear, which leads to a sharp increase in children's creative abilities.

4. RESULTS

Computers have a number of advantages over traditional forms of teaching preschool children:

the display of information on a computer screen in a playful manner is of great interest to children;

provides figurative information that is understandable to preschool children;

movement, sound, animation attract the child's attention for a long time;

problem-solving tasks, computer stimulation when completing tasks will stimulate children's cognitive activity;

provides an opportunity to individualize training;

the child controls the number and speed of their play;

a preschooler is convinced that he or she is capable of many things during his or her computer activities;

allows you to simulate situations that are not visible in everyday life (rocket flight, floods, unexpected and unusual effects);

the computer is very "patient", never reprimanding the child for mistakes, but waiting for him to fix it himself.

Use of information and communication technologies in lessons:

- choose the direction corresponding to the flow of information in the world around you;

- mastering practical methods of working with information,

- promotes the development of skills that allow the exchange of information using modern technical means.

Use of information and communication technologies in lessons:

- Positive motivation to learn

- Activates students' learning activities.

The use of information and communication technologies allows to conduct lessons emotionally rich and complete, to control children's knowledge and reduce the time of testing, children learn the skills of control and self-management.

The main purpose of the use of ICT: the development of thinking; formation of methods of mental activity.

In addition, using computer technology, both teachers and children can create a variety of educational and demonstration programs, models, games. Such effective developments form a positive attitude of children to learning, the ability to individually choose the speed of reading.

In preparation for the lesson, the teacher uses the following sources of e-learning:

1. multimedia courses

2. Presentations for lessons

3. logic games

4. control programs

5. Internet resources

6. electronic encyclopedias.

5. CONCLUSION

Thus, the knowledge expended on the management of activities using information and communication technologies justifies itself in all respects:

- Helps to overcome difficulties

- creates a positive psychological environment between teachers and children and creates favorable conditions for their interaction in the educational process.