

## IMPROVING THE METHODOLOGY OF DEVELOPING INFORMATION TECHNOLOGY FOR PRIMARY EDUCATION TEACHERS IN THE ELECTRONIC LEARNING ENVIRONMENT

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### ABSTRACT

*In this article, the concept of "Information Technology" in Education has been used for the most part since the late 1980s, when mass computers were introduced in high school. Many researchers have been and continue to be involved in the application and application of information technology in the educational process. More than twenty years ago, BG Ananiev outlined the prospects for the use of various technical means in education: "A new technical or industrial pedagogy is being built on the basis of a combination of technical and pedagogical sciences, engineering and pedagogical psychology. Opinions and comments on the formation of a methodology for the development of information technology for primary school teachers of the lim environment.*

**KEYWORDS:** *Information, Primary Education, Methodology, Teacher, E-Learning.*

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### INTRODUCTION

An innovative development model characterized by large-scale socio-economic changes in all spheres of society, including a review of the requirements for education, is now being transitioned: pedagogical approaches and methods are changing. In the pedagogical system, the work style of teachers, structural changes are taking place. In this regard, the introduction of information technology in the educational process, including in the primary grades, is a pressing issue today. According to the federal state education standard, information technology is described as a basic pedagogical technology that should be integrated into the entire educational process. In the field of education, the concept of "Information Technology" has been used for the most part since the late 1980s, when mass computers were mass introduced in high school. Many researchers have been and continue to be involved in the application and application of information technology in the educational process. More than twenty years ago, BG Ananiev outlined the prospects for the use of various technical means in education: "A new technical or industrial pedagogy is being built on the basis of a combination of technical and pedagogical sciences, engineering and pedagogical psychology. [1]

The use of information and communication technologies in the work of primary school teachers is essential. In this regard, concepts such as "information technology", "communication technology", "new information technology in education", "digital educational resources",

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"interactive whiteboard", "multimedia presentations" have entered our lives. In addition to qualities such as the ability to read and write in the modern world. A person with technology and information, with a different, new way of thinking, may have a different approach to assessing the problem that arises and organizing their activities. One of the outcomes of education in primary school should be the readiness of children to master modern computer technologies and the ability to use the information obtained for subsequent self-education. In a modern school, information technology should be considered as one of the teaching methods.

Students in grades 1-4 have visual-figurative thinking, so it is important to build their education using as high quality visual materials as possible. The use of films in lessons allows to increase attention, creates a positive emotional background. They are based on animation, which allows you to draw attention to a specific object, check the correctness of students' answers, describe a sequence of reflections, and so on. The use of information technology in extracurricular activities in primary school is simply necessary. Using the presentations, the teacher can conduct interviews, traffic rules and safety classes, extracurricular activities, competitions, class hours, which will allow you to present any material in a colorful and visual way. [2]

In the work of the teacher it should be borne in mind that the organization of the educational process in primary school, first of all, should contribute to the activation of the cognitive sphere of students, the successful mastering of educational material and intellectual development. Therefore, information technology should perform a specific educational function, helping the child to understand the flow of information, to comprehend it, to remember it, and not to harm health. Information technology should act as an auxiliary element, not the foundation of the educational process. Taking into account the psychological characteristics of the young student, the work using information technology should be clearly thought out and dosed. Thus, the use of information technology in the classroom should be economical. The purpose, location, and method of using information technology should be carefully considered in lesson planning. The use of information technology in a variety of lessons in the primary grades allows for an active transition from the descriptive method of teaching, where the child becomes an active participant in learning activities. I am convinced that the use of computer technology can change the teaching of traditional sciences by increasing interest in learning. [3]

One of the most successful forms of preparing and presenting teaching material for lessons in school by primary school teachers can be called creating multimedia presentations. "Presentation" is translated from English as "presentation". Multimedia presentations are a convenient and effective way to present information using computer programs. It combines dynamics, sound and image, that is. Factors that hold the child's attention for the longest time. Simultaneous exposure to two important cognitive organs (hearing and sight) can have a very large effect. The English proverb says, "I heard - I forgot, I saw - and I remembered." According to scientists, a person remembers 20% of what he hears and 30% of what he sees, and more than 50% of what he sees and hears at the same time. Thus, facilitating the process of perceiving and remembering information using live images is the basis of any modern presentation.

Primary school is a foundation on which the quality of a child's further education depends. This puts a special responsibility on primary school teachers. Its task is not only to teach reading and writing, but also to lay the foundations of the child's spirituality, to develop his best qualities, to teach him the methods of learning activities. The latter is especially important in our rapidly

changing world, where the world is full of information. Teach your child to work with information, teach them to learn. Academician A.P. Semenov's "Teaching a person to live in the world of information is the most important task of a modern school" should be crucial in the work of every teacher. To achieve these goals, there is a need to use information and communication technologies in the practice of primary school teachers.

Education is a collaborative activity between teachers and students, in which the individual's development, education and upbringing take place. In the classroom, the teacher communicates his / her knowledge, skills and abilities to the students through the lessons, and the students will be able to use it as they master it. In the process of learning, students use different forms of learning, that is, they rely on specific differences in the reception, processing and application of the acquired information. In the educational process, the issues of cooperation between teachers and students during the lessons, independent work of students, education and upbringing in the form of extracurricular activities are addressed. [4]

The purpose of education is shaped according to the needs of society. Therefore, the purpose of education should be appropriate and balanced. In the scientific literature, the purpose of education is to develop the skills and abilities to use the opportunities accurately, clearly and appropriately, to develop logical and creative thinking, to increase communicative literacy, to assimilate the national idea, to form an oriental upbringing. Naval enrichment. The educational goal is to improve students' communication skills through independent thinking, oral and written literacy, and the development of logical thinking. The purpose of education is spiritual, ideological and moral education. In the process of learning a language, it is possible to get closer to the cultural and moral values of the people.

Used in repetition or reinforcement activities in the classroom. The choice of a type of game depends on the type of lesson, the level of training of students in the game, their level of knowledge, opportunities for independent creative work, and the ability to quickly recall what has been learned, the degree of creativity. Education focuses on teaching students to think, to understand the opinions of others and to express these ideas orally and in writing. takes place. The way of life and cultural creativity of a nation is studied on the basis of its rich historical heritage. [5]

**In conclusion**, the appropriateness of the use of information technology in teaching young learners is reflected in their age characteristics, such as better development of visual-figurative thinking than verbal-logical, as well as uneven and underdeveloped analyzers with which children perceive information. Its subsequent processing, if the information is not perceived, cannot be understood, assimilated, cannot become the property of the individual, the element of his culture..

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