

*N. Bila,  
Student,  
V. Kulak,  
Lecturer,  
Zhytomyr Ivan Franko State University*

## **THE POTENTIAL OF INFORMATION AND COMMUNICATION TECHNOLOGIES IN THE EDUCATIONAL PROCESS OF PRIMARY SCHOOL**

Modern primary school learners are a generation living in an informational, dynamic world in accordance with the requirements of the times. Schoolchildren increasingly prefer information and communication technologies not only in the process of organizing their leisure time, but also skillfully use them in the process of independent acquisition of knowledge.

The visual nature of information and communication technologies correlates with the interests and features of the cognitive development of younger schoolchildren, and is convenient to use. They implement the learning content much more effectively than traditional learning technologies, help support the interest of elementary school students in the learning process, and help reveal the creative potential of schoolchildren.

Let's outline examples of the usage of information and communication technologies in the educational process of primary school:

1. *Educational platforms* "Zoom", "Mozaik", "Vseosvita". The role of these resources in the context of distance learning is difficult to overestimate, because students' processing of information and various tasks greatly facilitate the study of subjects in primary school. For example, after preparing a report or presentation, a junior high school student acquires a research mindset, gravitates toward critical judgments. Regardless of possible mistakes in the design of the task, the student acquires quite valuable skills and abilities, because he searches and selects information himself, learns to generalize, classify, agree and deny in the process of searching and completing the task, which contribute to the student's ability to generate ideas that did not exist before [1, p. 10].

2. *The "Diary" application*, which stores intermediate learning results, contains an interactive board with a schedule of classes, control tasks. Using the application has the following functions:

- Notification of the date of submission and results of control works.
- News feed with current events taking place in the educational process, activities, current changes.
- Operational access to knowledge bases and simulators.
- Active use of listening in lessons.
- Control of students' knowledge through online testing, which helps not only to quickly check the correctness of answers, but also to save databases of all students in the class [2, p. 8]

The advantages of using information and communication technologies in the educational process of primary school are as follows:

- ✓ make the educational learning process interesting and diverse regardless of the student's location, give an opportunity to engage in self-education;

- ✓ provide a playful and relaxed form of working with information, which stimulates the interest and motivation of schoolchildren to learn new knowledge much more effectively than classical organizational forms of education;

- ✓ ensure prompt exchange of important information between the participants of the educational process;

- ✓ implement the principle of individualization of the educational process - students have the opportunity to choose the content of their studies taking into account their interests;

- ✓ provide flexibility, immediate access to information;

- ✓ ensure the formation of independence skills of elementary school students in the process of acquiring and assimilating knowledge;

- ✓ digital devices can be used at any time and in any place: ZZSO, houses, minibuses, etc.;

- ✓ students can maintain contact with the teacher, as well as interact with each other;

- ✓ teachers and students can exchange information using e-mail, social networks ("Facebook", "Messenger", etc.), it is possible to work together using a wireless network or Bluetooth [3, p. 12].

Therefore, informatization of the educational process of the primary school in modern conditions due to ease of using expands and supplements the traditional educational environment with interesting new forms, methods, techniques and means that are interesting, understandable and, at the same time, effective for the formation of knowledge, abilities and skills of primary school learners.

The advantages of using information and communication technologies in the educational process of primary school include: accessibility, quick access, the opportunity to learn from anywhere in the world, the opportunity to get an education at a time convenient for the user.

Considering the peculiarities of thinking and perception of primary school learners, groups of information and communication technologies stimulate the interest and cognitive activity of pupils, encourage students to work independently, creatively, moving away from stereotyped judgments. The information that was acquired by a pupil through the operations of independent search, analysis, grouping, systematization, selection of the main from the minor, contributes to the development of critical thinking of primary school learners.

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