

USING INFORMATION AND COMMUNICATION TECHNOLOGIES IN TEACHING PROCESS OF VARIOUS PRIMARY SCHOOL SUBJECTS

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ABSTRACT

This article highlights the application of Information and Communication technologies in the teaching process of different subjects at primary school classes. The effective methods of interactive teaching and use of various modern strategies which are specially designed to engage and encourage students to participate in lessons actively were given with specific examples in particular subjects. The work states a plethora of opportunities that ICT can give to teachers and students in their teaching and learning journey. Moreover, the importance and assistance of ICT in students learning and a chance to improve students' computer literacy is presented as advantages of usage of ICT during classes.

Keywords: ICT, use of information and communication technologies, teaching process, learning process, multimedia presentation, internet resources, computer literacy, modern information system, primary school, interactive learning, effective skill development.

INTRODUCTION

Effective use of Information and communication technologies in the process of teaching different school subjects in the education system of our country is a topical issue. The information technology that is a universal means of education, not only allows students to form knowledge, skills and abilities, but also develops personal qualities, satisfies their interest in learning. Pedagogical and psychological research emphasizes that ICT has a great impact on the development of students' theoretical, creative and reflexive thinking. The figurative representation of a process in a student's memory enriches the learning material and helps it to be mastered scientifically. The main purpose of the introduction of information and communication technologies in the educational process is the emergence of new types of educational activities that are characteristic of the modern information environment.

Benefits of using ICT in primary school teaching process

It is well known that primary education is the foundation of the education system, and the quality of teaching depends on it, which places a great responsibility on the primary school teacher. For a long time, the primary school in the education system was a "school of skills", meaning that a student must master basic skills such as reading, writing, and arithmetic in order to receive further education, and considered as a stage of education. Today, elementary school

is imagined differently. Today, it should be the first experience of a child in the education system - a place to test the power of learning. At this stage, it is important to develop activity, independence, maintain cognitive activity and create conditions for the child to enter the world of education, strengthen his health and emotional characteristics. Today, we are witnessing the development of these qualities of students through the introduction of ICT in the educational process. In our work, we are gaining information on the introduction and use of information technology in the educational process. Our experience in the use of information technology in the context of traditional lessons has shown that in the didactic correct application of ICT, there are unlimited opportunities for individualization and differentiation of the learning process. They provide students with access to information resources, increase the effectiveness of independent work, provide entirely new opportunities for the acquisition and strengthening of creativity, skills and abilities, allow the implementation of new forms and methods of education. It also provides development of individual learning direction in each student. In the process of learning, great changes take place in the development of thinking and imagination as the basic processes necessary for successful learning; effective organization of students' cognitive activities is provided. With the use of ICT, it has become easier to implement a person-centered approach to education, and it has become possible to effectively organize the entire learning process.

Examples of application of ICT in teaching different subjects

During the course, multimedia educational programs, presentations and projects were created using ready-made multimedia products and computer training programs, as well as Internet resources for educational and extracurricular activities. Information technology can be used in all disciplines. The use of curricula and games in the classroom is very effective. Literacy exercises in mother tongue and Russian language classes help children to perform a variety of practical tasks on computers. Using a set of different didactic materials for primary school students, it is possible to prepare mixed computer programs that include demonstration-exercise, control-exercise, and test modules. The use of rich and varied material on grammar-spelling topics in three variants for the current study and generalized repetition of the rules of science gives him good results. E-learning manuals can be developed and used in 1st grade reading lessons. It provides a variety of interesting visual and audio material, including phonetic analysis of the word, the structure of the syllables, and the study of some spellings. Bright pictures, strange, interesting assignments help young students to become more interested in their mother tongue, provide learning in the form of games, and provide ample opportunities for self-control and learning reflection.

Differentiation of learning process

Differentiation of the learning process in this guide is achieved through the selection of tasks of varying complexity. Electronic topics and sections related to planning can be included in the development of thematic planning for literacy teaching. For frontal, individual group work in lesson plan development. It is important to develop lesson plans that are appropriate to the use of the computer. "Mathematical problems" programs can be developed and used in mathematics lessons. There are a variety of materials on many of the topics covered in elementary school. Different assignments of different levels of complexity help to develop each student's cognitive and creative abilities. The use of computer animated slides in solving problems increases the fun of the lesson. Their advantage is that they can go back to the beginning of the issue at any time, stop at its individual parts, talk to students, listen to their opinions. In elementary school, slides with animated themes can be used to move. Animated pictures from the Internet can be used to create such slides. It is necessary to use test assignments in all subjects. If we initially used the tests only in print, now they can be typed

on a computer and practiced by each student. During the years of using ICT, from 1st grade to 3rd grade, a number of different tests can be prepared in mathematics, art reading, mother tongue, and all other subjects.

New and modern methods of application of ICT

Now the lesson is not just in print it is necessary to use computer tests. They allow you to get an assessment as soon as it is done, the marks or gained points are provided by the computer itself, and it allows them to identify shortcomings on a particular topic. Computer tests can be developed on all subjects in the field of "Natural Science". For example: "Water basins of our country", "Mother Earth", "Forests and fields - natural resources", "Agricultural sectors", "Our country", "Underground resources", "Territorial territory of our country" structure ", "Regional livestock and plants "and others. It is difficult for students to interpret the lexical meaning of words learned in their mother tongue and to classify units into types. These are: antonyms, synonyms, homonyms. Tests develop students' lexical abilities, teach them to find the correct and portable meanings of words, choose the right synonyms, and distinguish between synonyms, antonyms, and homonyms. The use of the "Reverse Game" test, which is dedicated to working with antonyms, has an effective effect on explaining the lesson to students. The main thing is that the student's eyes, brain and hands are involved in the test tasks, and the elements of the game are important in developing their interest in what they are doing and, consequently, in ensuring the required level of intensity of the learning process. In addition to crossword puzzles, diagrams, tables can be used, students work directly on the computer in the independent study of course materials. Many videos and photographs can be used as supplementary and developmental materials in all subjects. Presentations created using Microsoft Power Point programs are a very effective form of using ICT in the educational process. The main thing in the presentation is informative, visual and interesting. Through this program you can use photos, drawings, animations, additional information to create presentations on various topics and subjects. The Internet available at the school is a great help in our work. It is well known that the Internet is a global information system. It includes email, search engines, and access to a variety of information resources. It can be used to find, process and reproduce the necessary information, install it on all computers and offer children to work independently in pairs, in groups, individually. Students will be offered a variety of assignments: research, selection of the main one, preparation of the presentation, filling in the table. Another way to get information is to get information directly from the Internet during the process. You can find the material you need on the Internet in advance and show it to students in class. The work can be done in the form of a dialogue on the studied material.

Computer literacy of students

Elementary students know how to use the Internet independently, select the information they need, store it, and use it in their subsequent work to create presentations or develop and execute a variety of projects. From the 2nd grade, students can complete assignments not only in the notebook, but also directly on the computer. Students acquire basic computer skills, constantly deepen their theoretical knowledge and improve their practical skills. The role of the computer science course in shaping the operational style of thinking in the primary grades is very important. This role of informatics is seen as a set of basic skills and competencies such as action planning, information retrieval, communication planning, information modeling, and mediation. Understanding the computer as a reading aid, a tool for creativity, self-expression and development is important. Older students will develop a way of thinking that they will hardly accept. This course should teach the student to work with information on the PC. Mastering the computer in elementary school is beneficial for students. They can use it in other classrooms as a tool for their own activities, and computer-assisted learning is not a problem

for them. The use of computers in computer science classes in large classes is a prerequisite for the implementation of this program. I usually use the computer as an electronic whiteboard when discussing new material. It is also used in the organization of educational games, as well as in the organization of individual training and computer practicum. As a result of learning, students use a computer to solve learning and simple practical problems: perform simple operations with files (create, save, search, run a program); know how to perform practical tasks and creative work in programs: Word Pad, Microsoft Power Point, Microsoft Excel, Microsoft Word; launch widely used programs: text and graphics editor on a computer screen, simulators, tests; work with texts and images (information), objects; search, modify, store, use, and transfer information and data, create content, guides, catalogs, directories, the Internet, and computer-generated small projects and presentations. So, this is the beginning of the course. Thus, the study of this course in primary school allows to modernize the educational process, increase its efficiency, as well as to differentiate it, taking into account the individual abilities of each student. The proposed course allows the teacher to freely manage education and use a variety of methods to provide educational information. The course focuses on project-research activities. Students' project activities help develop independent research skills, creative abilities, and logical thinking; It integrates the knowledge gained in the learning process and engages students in solving vital issues, helps to improve the quality of education, and democratizes the teacher-student relationship.

Advantages of ICT for teachers

Information and communication technologies help teachers to improve the quality of education, democratize the attitude of teachers and students. Information and communication technologies expand the teacher's ability to take students into an interesting world, where students can independently search, retrieve, analyze, and communicate information. Teaching children to read and work with information is an important task of modern primary school. Only the main directions of the use of ICT in the educational process in primary school are formed. Extensive use of ICT in the organization of students' extracurricular activities will primarily include the preparation of various reports, conducting extracurricular activities, and so on.

REFERENCES

1. Shaloo Sharma. Modern Methods of Teaching Computer Science, Sarup Teaching Series.
2. Nevilla Bennet & Clive Carre. Learning To Teach. London and New York: Taylor and Francis e-Library, 2002.
3. Marilyn Leask & John Meadows. Teaching and Learning with ICT in the Primary School. London and New York, 2000.
4. Marilyn Leask. Issues in Teaching Using ICT. RoutledgeFalmer, 2001.