

APPLICATION OF CLOUD TECHNOLOGIES IN FOREIGN LANGUAGE LESSONS

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Abstract: intensive development of information and communication technologies and cloud technologies were inspired by the spread of mobile learning. The use of cloud technologies gives the advantage of access to information without any spatial restrictions, as well as the ability to interact with the user in real time, which is necessary for learning a foreign language.

Key words: information and communication technologies, cloud technologies, applications, foreign languages, students.

Modern learning conditions require educational organizations to develop a developed information system based on the use of innovative high-tech teaching tools, as well as interactive sensors and multimedia technologies. One of the effective technologies for organizing distance learning is cloud technology.

Cloud technologies are technologies based on the use of computer resources and capacities in the form of an Internet service. Cloud technologies involve the storage and use of information, software and various services that can operate without the use of computer disks. Computer hard drives are used only for the initial installation of client software in order to access cloud services.

However, despite the deep theoretical study of the issue, pedagogical practice convincingly proves that the effectiveness of school teachers' use of cloud technologies in the educational process is quite low, and, as a result, there is a low level of desire for independent knowledge among students. Consequently, a contradiction arises between the social need of society to use cloud technologies in the educational process and the insufficient development of pedagogical conditions that ensure the effectiveness of the process of developing cognitive independence in students using cloud technologies. Therefore, to increase the demand for cloud technologies by teachers in educational activities, it is necessary to select effective models for its organization and formulate pedagogical conditions.

Cloud technologies have a number of advantages. First of all, they eliminate boundaries between subjects of the educational process: geographical, technological, social. Cloud technologies in modern conditions are one of the alternative forms of organizing training along with the traditional form. The use of cloud technologies makes it possible to expand the scope of interaction between students on the Internet, while personalizing the learning process and expanding the boundaries of interaction. These technologies are reliable, cost-effective, simple and upgradable.

Currently, cloud technologies are divided into the following types: software as a service; hardware as a service; communication as a service; monitoring as a service necessary to ensure security; infrastructure as a service; platform as a service, which provides tools for developing, testing and

supporting various applications; a virtual computer that allows you to perform individual user tasks; work environment as a service.

Educational organizations can use cloud technologies as software, as hardware, as a platform, and as a virtual computer.

The introduction of cloud technologies into the educational process has a number of advantages:

- allow you to reduce the material costs required to purchase software;
- are an effective means of improving the quality of education;
- serve as a condition for the development of information competencies, form cognitive independence;
- allow you to develop, save and manage educational materials;
- provide students with access to educational materials and their sharing.

Consequently, cloud technologies are a collective image that allows you to process information and transmit it to the user through an online service.

Cloud educational technologies include a system of information and technological methods that provide shared access to educational resources, exchange of information, tasks and the results of their implementation. In this case, the cloud acts as a model of infrastructure and services, software applications that are provided at the request of the network user.

The main advantages of cloud technologies are:

- 1) Unlimited computing power - the number of processors, the amount of RAM and disk space in cloud systems is theoretically unlimited.
- 2) Users do not need to install and configure the software themselves - a regular Web browser is sufficient to access cloud services.
- 3) Users do not need to buy expensive equipment.
- 4) Saving time and energy for performing certain tasks, as well as, in special cases, the space occupied by equipment.

5) Reduced costs for technical support and updating of deployed systems, as well as high implementation speed due to the lack of time spent on system deployment.

6) No training required - most users already know how to use Web browsers and Internet services.

7) Higher level of quality of software maintenance - usually cloud systems are maintained by highly qualified professionals.

Using cloud technologies in English lessons, the teacher, together with the students, will be able to create and store documents, tables, presentations in a secure storage, create tests and crosswords.

The easiest to use example of cloud technologies is Google services. They make it possible to ensure a high degree of differentiation of learning, improve control of knowledge, provide positive motivation for learning, rationally organize the educational process, increase the effectiveness of the lesson, develop research skills, provide access to various reference systems, electronic libraries, and other information resources.

What capabilities of the Google service can be used in English lessons, when working individually with children, or when preparing for a final assessment?

Google Document allows you to create reports and abstracts on a given topic with links to electronic resources and interactive fragments that can be published on websites, teacher blogs, and subsequently used as part of a student's electronic portfolio and during teacher certification.

Google Presentation makes it possible to create both individual and collective presentations, when each student separately creates a slide according to his role when working on any project. These presentations may also contain links to electronic resources, graphics, and interactive segments. The project method has a number of advantages over traditional teaching methods, so the

possibility of its presentation using Google Slides fills the process of learning a foreign language with greater motivation.

Google Drawing is responsible for completing test tasks and changing finished drawings in accordance with a specific task. Using this service, illustrations, diagrams, and interactive educational cards are created.

Using Google Forms, various surveys, quizzes are conducted, questionnaires and tests are created. When you create a form, a Google table is automatically created in which the results of filling out the form are accumulated. The teacher is provided with a convenient summary of responses that are sent to the teacher's email, which significantly minimizes the cost of time and resources.

The effectiveness of using cloud technologies largely depends on the method of application and taking into account the physiological characteristics of the student. They can be actively used when organizing problem-based learning, when organizing training in technologies for the development of critical thinking, interactive interaction, and case technology.

A modern teacher must take into account the development of information technologies and be ready to use these technologies in their practical activities.

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