



TASKS OF CLOUD TECHNOLOGIES AS A TOOL IN THE DEVELOPMENT OF DIGITAL COMPETENCES

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Article history:

Received: 4th July 2024

Accepted: 3rd August 2024

Abstract:

In the development of the digital environment, the individual is used to search, analyze and use resources from it. Therefore, it is important to use cloud technologies of digital content and to prepare future teachers to operate in the digital economy and to increase the digital literacy of the entire generation.

Keywords: Virtuality, Professional cooperativeness, Infatuation, , Independence and creativity, Immediacy, Development, Adaptability, Diversification, Individualization

Accelerating the transition to the digital system in all disciplines and fields of education, as well as focusing not only on the set of knowledge that the future student (student) will receive, but also on the formation of skills for their continuous independent acquisition using online platforms, other existing opportunities and opportunities that will appear in the future.

In the development of digital competences, cloud technologies as a tool help to perform the following tasks:

Virtuality: the use of resources where the development of socio-economic life is not difficult to foresee even in the short term;

Professional co-operation: working in cooperation with training and professional professionals on various tasks in several professional and social fields at the same time;

Infatuation: studying the current state of knowledge fields in the conditions of globalization processes, information flows, information society and digitized education and applying new knowledge to many processes, including scientific and methodical fields based on infatuation;

Worldliness: in the digitalized information society, not only existing school knowledge is used as a source of new knowledge in the world community;

Independence and creativity: Independent learning and creative thinking when learners have access to multiple sources of information outside of educational institutions;

Speed: the speed of creating new knowledge, the development of advanced innovative technologies contribute to increasing the intensity and pace of our lives;

Development: In the era of rapid changes, the existing knowledge, technologies and experiences as tools for seeing one's future and introducing real-life

knowledge will ensure the achievement of high academic results and develop the personal and professional qualities of the user;

Adaptability: the use of technologies aimed at overcoming the problems facing the educational system and creating conditions for educating a competent and socially responsible person, as well as creating opportunities for improving educational results;

Diversification: Launching interactive, multimedia voitas, online and cloud tasks purposefully diversify the educational process, make it more modern and interesting. Collaborative virtual whiteboards, books and posters, multimedia collections, geoservices and mobile services allow establishing a network connection between teachers and students even in the conditions of distance education;

Individualization: individualization of education in the implementation of an individual curriculum "ensures the digital development of educational programs based on the individualization of their content, taking into account their characteristics and educational needs.

Individualization as an organization of the educational process, an individual student orientation in which educational work is carried out by creating and designing and implementing optimal conditions for the education of each student in a single educational space, including classroom and extracurricular activities, taking into account the individual characteristics of learners. is considered

Today, the terms "individualization", "differentiation" and "personalization" are distinguished. Taking into account the experiences of Uzbekistan, the CIS and foreign countries in the field of education, the following definitions can be given to individualization.

Individualization is learning that is tailored to the learning needs of learners of different ages.



Learners have the same learning goals, but they have the ability to study subject material, or an entire course, at their own pace, stop at certain points, spend time working on the subject, and skip something if they have to.

Differentiation is the purposeful creation of such conditions for education by dividing learners with different abilities and learning problems into different groups.

Personalization is learning that is tailored to the learning needs of different students, taking into account their unique interests and learning needs.

In an individualized learning environment, a student's needs are determined through assessment based on their problems, learning difficulties, or disabilities. An educator adapts instructional materials and instruction to individual students with cognitive or physical disabilities.

In the conditions of differentiated education, groups of students are determined based on the identified problems in the content of the educational subject, as well as the level of teaching and qualification. A teacher uses or adapts a differentiated curriculum to meet the needs of different groups of students, so it is necessary to connect teaching with cloud technology.

In a personalized learning environment, learning begins with the student, who becomes an active participant in developing learning goals, planning their own activities, achieving learning outcomes, and evaluating their learning.

In the context of personalizing learning, "assessment as learning" is based on the study of how learning occurs and is characterized by students reflecting on their learning and making adjustments to achieve deeper understanding. The role of the teacher in ensuring the independence of students through assessment in the learning process is as follows:

- modeling and teaching self-assessment skills;
- guide students in setting and tracking goals, progress towards achievement;
- providing examples and models of quality works reflecting the results of the educational program;
- development of specific criteria and evaluation of work with students;
- guiding students in developing work feedback or self-monitoring mechanisms;
- providing regular and interesting opportunities;
- giving a descriptive opinion.

Individualization and personalization of education is not a technological solution that provides individual attention ("one-on-one") of the teacher to each student. This is a unique way of building the educational process,

in which the subjectivity of students gradually develops, and their ability to independently organize educational and developmental activities increases.

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