

PECULIARITIES OF USING DIGITIZED EDUCATIONAL RESOURCES IN "TECHNOLOGY" CLASSES

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ANNOTATION

In the article, the specific features of the use of digital educational resources in "Technology" classes and the use of digital educational resources in the higher education system are presented.

Keywords: technology, digitization, professional competence, resources, education, knowledge, skills and competence.

The main goal of the education system is the development and implementation of the "Digital Uzbekistan - 2030" program in the field of education of our republic, the development of life skills in students, especially the development of professional training of young people by introducing them to modern technologies.

In the course of adaptation of educational production workshops and practical (laboratory) rooms to international standards based on foreign experiences, modern furniture, equipment, tools and devices, teaching and methodical materials, laboratory equipment, computer, interactive whiteboard, tablet and multimedia equipment, internet, video surveillance systems, provision of distance learning equipment, 3D printer, taking measures to update them in time is an integral part of this process.

In fact, the construction of educational production workshops (laboratory) rooms, technology parks for teaching special subjects, conducting scientific research and laboratory experiments, providing the level of equipment of facilities with educational equipment that meets international standards (tools and equipment, modern machine tools), students' "Technology" important means of development of knowledge, skills and competences in the field of science.

At the same time, by widely introducing the electronic library system, which is an integral part of modern education, which allows remote access, it is possible to continuously improve the professional skills of students by establishing the use of library funds and information bases after completing their studies at a higher education institution.

In a word, the development of students' knowledge, skills and abilities in the field of "Technology" directly depends on the following factors:

to provide higher education institutions with modern software products, to create effective mechanisms for regularly providing educational and scientific processes with educational and laboratory equipment, as well as laboratory materials (reagents, chemical containers, components, biological materials and other objects);

timely provision of the growing need for library, educational workshops, laboratories infrastructure facilities and strengthening of their material and technical base based on the requirements of the time;

establishment of innovative libraries, regular enrichment of their book fund with new generation educational literature;

continuous provision of higher education institutions with high-speed Internet, expansion of infrastructure opportunities for independent education of students;

it is required to fulfill the necessary tasks, such as expanding the opportunities for free use of electronic educational resources, electronic catalogs and databases of modern scientific literature for students, teachers and young researchers.

It is important to recognize that students are already interested in using digitized learning resources, and this creates many great opportunities for educational institutions and teachers to integrate some form of digitization into the classroom, making teaching and learning more effective. Some of the key benefits of using digitization in the auditorium are:

Improves engagement. If digital learning resources are used in the lessons, it is expected that the future teachers will be more interested in the subjects being taught to the students. Digital learning resources offer a variety of opportunities to make learning more interesting and engaging in terms of teaching the same things in new ways. For example, teaching through games, taking students on virtual tours, and using other online learning resources. In addition, technology can encourage more active participation in the learning process that is difficult to achieve through traditional lecture environments.

Improves knowledge retention. Students who are engaged and interested in what they are learning are expected to retain their knowledge better. As mentioned above, technology can help encourage active participation in class, which is also a critical factor in increasing retention. Different forms of technology can be used to experiment and decide which is best for students in terms of retention.

Encourages personal learning. Because of different learning styles and different abilities, no one learns in the same way. Digitization offers great opportunities to make learning more effective for everyone with different needs. For example, students can learn at their own pace, review difficult concepts, or skip ahead as needed.

Encourages cooperation. Students can practice collaboration skills by participating in a variety of online activities. For example, working on different projects by collaborating with others in forums or sharing documents in a virtual learning environment. Digital learning resources can encourage collaboration with prospective teachers in the same classroom, within the same education system, and even across other audiences around the world.

Students can learn useful life skills through digital learning resources. By using digital learning resources in the classroom, both teachers and students can develop the skills needed for the 21st century. Students can gain the skills they need to succeed in the future. Modern education is about cooperation with others, solving complex problems, critical thinking, developing different forms of communication and leadership skills, increasing motivation and efficiency. In addition, technology can help develop many practical skills, including creating presentations, learning to distinguish reliable from unreliable sources on the Internet, maintaining proper online etiquette, and writing e-mails. These are very important skills that can be developed in the audience.

Benefits for teachers. Help improve teaching based on digitized learning resources with countless online resources. Prospective teachers can use a variety of apps or reliable online resources to enhance traditional teaching methods and engage students more. Virtual lesson plans, assessment software, and online assessments help teachers save a lot of time. This valuable time can be used to work with struggling students. In addition, the availability of virtual learning environments in schools improves collaboration and knowledge sharing among teachers.

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