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METHODOLOGY FOR TEACHING INFORMATICS AND INFORMATION TECHNOLOGY SCIENCE USING THE DISTANCE LEARNING PLATFORM ISPRING

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Annotation
The article focuses on the issues of the use of advanced pedagogical technologies in the education of student youth from the visual arts, one of the important disciplines that fall into the aesthetic cycle. It also tells about the importance of Information Technology in obtaining independent knowledge, the fact that the preparation and transmission of resources corresponding to the worldview of young people in information technologies in a modern way, in an interactive and creative way consists of current issues today.

Keywords: Fine Arts, pedagogy, creative, interactive, content, Independent Education, electronic resource and electronic test.

For any society, the cultivation of qualified personnel with high knowledge has been one of the most important tasks. Especially in our age when technologies have developed, the organization of education using information technology from pedagogical personnel remains an urgent issue. President Shavkat Mirziyoyev paid special attention to the development of Science and technology: “to achieve progress, we need and must master digital knowledge and modern information technologies. It gives us the opportunity to follow the shortest path of ascent”. Indeed, the future of the educational system cannot be developed without digital technologies. It is also not for nothing that 2020 will be announced as the” year of Science, enlightenment and the development of the digital economy." Information technology is also used in the teaching of Fine Arts in some secondary secondary secondary schools. Unfortunately, this process serves not only to formalize teacher's documents and to show students video materials during the course of the lesson. Improving the competencies of Independent Education is also important to teach them to have a more independent education, to be able to create independently, taking into account the fact that training in the audience and in the classroom is not enough for students-young people to mature and grow up. It should be noted that today the mechanisms for the correct organization and management of independent training of students are not fully developed. This will also be true if we say that information technology is not used enough in the activities of students to obtain independent knowledge. The use of information technology is so important in the learner's acquisition of knowledge that today's generations are growing and living in the IT world, in the age of the internet. Resources suitable for their worldview: including the preparation and transmission of interactive and creative Information Technologies of modern appearance is a very urgent issue. Today's quarantine restrictions have once again shown how relevant this issue is. The formation of visual arts classes and lesson developments in the Independent Education of students from this subject using various software, animations and educational content remains a requirement of the period. Knowledge about software, modern educational content, the use of information technology should be acquired by future teachers first of all in pedagogical higher educational institutions. It is important to teach this knowledge in depth and thoroughly in the field of Information Technology in the curriculum of the educational direction “graphics of Fine Arts and engineering” and in the “Centers for teacher retraining and their professional development”. In solving these issues, we want to provide, from our experience,

the following information about the creation of an interactive test on the subject of Fine Arts in the iSpring software, its advantages and the results expected from it. One software widely used in the creation of electronic information education resources is the iSpring program [http:// www. ispringsolutions. com]. before outlining the construction of a test in the iSpring program, let's show you what electronic information has access to educational resources. Electronic information education resources include electronic textbooks, tutorials, methodological guidelines, multimedia tools, reference books, dictionaries, hypermarkets, electronic tests and assignments created in science, as well as resources of interest to learning, ensuring the independent knowledge of a similar student. In addition to the above resources, pedagogical software tools, video and audio lectures, virtual laboratory stands, intreactive posters can be included. Usually, in the process of preparing for the presentation, in most cases, Microsoft PowerPoint software is used. But such presentations can only be in the format of this product (ppt, pptx). As a result of the development of Internet technologies and the emergence of a type of distance education, it is necessary to have a file created in flash (swf) format or HTML 5 technology for viewing presentation files online in the Internet browser itself. Currently, programs have been created in the PowerPoint program that allow you to form a flash roller from a prepared presentation. The product is called iSpring and has options such as iSpring Freye, iSpring PRO and iSpring Presenter [. http://www.ispringsolutions.com]. according to independent experts, today this product is considered one of the best in terms of speed, the quality of conversion from one format to another, and the number of options. iSpring allows not only the creation of flashtaqdimots, but also the ability to interactively connect in the preparation of rollers that can be used in the educational process, in particular, by including in them requests of various forms, electronic tests. the following iSpring software options are available:

• ability to convert presentation files in multiple (exe, swf, html) formats;
• ability to include external resources (audio, video or flash files) in presentation content;
• protection of presentation content: to be able to see using a password, to put a"protection mark" on the presentation, to "rotate"the presentation only in the allowed domains;
• add video and sync it with animations;
• built-in tool for creating interactive texts that allow you to create electronic tests(controls)and transfer the results to email or to a distance learning system (LMS) (Quiz button);
* create SCORM/AICC — compatible courses for use in the distance learning system;
* ActionScript API for conversion at presentation application level;
• record the video and sync it with the presentation;
• The ability to include rollers placed on the YouTube network as part of the presentation. iSpring Kinetics application options can be cited in the iSpring QuizMaker program to create unwanted electronic control types into e-learning technology resources. iSpring QuizMaker has the following main options: • the possibility of creating networked tests (adaptable tests); • closed test tasks with two, three, four or five answers: one of them is correct, two are types of topshrs closer to reality; • closed test tasks with several correct answers; • Open test assignments; • similarity-Focused Assignments; * ability to create assignments designed to determine the correct sequence. To compile interactive tests using the iSpring QuizMaker program, a computer requires the installation of Adobe Flash (32-and 64-bit according to the operating system's output) with the iSpring Suite program. When the program is

installed, the iSpring Suite is selected from the Pusk menu in the VSE program section, resulting in a window in Figure 1. The Novy test section is selected by entering the Test section

As can be seen from the above test, this test will not be uniform with respect to traditional tests and will be able to give students the necessary knowledge in a slightly more interesting way. Beyond that, the fact that it is possible to compose these interactive tests using pictures, sound and formulas makes them work with even greater interest. Unlike regular tests, these tests provide an opportunity for music direction students to compose questions by placing an excerpt from some piece of music. Computer science, mathematics, physics, biology, geography, etc.k. there is also the possibility of drawing up very interesting interactive tests for lar. In addition to this, the fact that the test is also available through computer networks and the possibility of sending emails can also meet the current modern educational requirements. As a result, the following qualifications are formed in teachers and students:

- in some way, it becomes possible for the teacher to control and control education; - the teacher's qualifications and creativity in the IT field increase; - has a positive effect on the teacher's scientific good and scientific level; - there will be significant changes in the development and improvement of students ' cognitive activity, help to improve educational efficiency; - contributes to an increase in the; In place of the conclusion, it should be said that the iSpring program itself is capable of making 6 types of interactive software products. We have partially introduced you to the possibility of this program on the example of a single test. Today, there are thousands of software that are effective for education in the IT field. We believe that it is important that educators also perfectly study it technologies and bring it into the educational system intensively in order to improve the quality of education, to make mature personnel competitive for the comprehensive development of our country. We cannot achieve the quality of education without thoroughly studying the experience of the advanced foreign educational system, introducing modern information technologies into the sciences and arming our pedagogical personnel with modern software.

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