

Improving the Methodology of Teaching Virtual Lessons On The Basis Of Modern Digital Technologies

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Annotation: *The level of reception and modification of information by students in virtual learning, the development and implementation of the mechanism of virtual learning. Learning using virtual reality technologies*

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Introduction

In his next address to the Oliy Majlis, President Mirziyoyev called for the development of a national concept of digital economy, which envisages the modernization of all sectors of the economy on the basis of digital technologies, and on this basis the implementation of the Digital Uzbekistan 2030 program. Of course, if they have high-quality and modern knowledge that can manage and develop the digital economy, our future will be great, and the security of digital Uzbekistan will be ensured.

Virtual learning is the process and result of the communicative interaction of subjects and objects in the field of virtual learning. Virtual classes are offered in any field and classes can be held anywhere, at any time convenient for the student and the teacher. As a result, students and teachers choose the time of classes.[1]

Using technology with a computer allows you to be as far away as possible from where you can see. Everything that happens seems real, and your actions are really immersed in a picture. There is no virtual reality. Responsible for project work. After finishing the work, you can go into the project as much as possible, see all the shortcomings and correct them. Virtual learning is a modern method of teaching for the modern age.

You can combine it with work and study at a convenient time. All the information comes directly to your personal computer or virtual reality glasses, from which you can practice as much as you want. By choosing this method of development, you will learn to solve problems independently without anyone's help. Education is always interesting and exciting. The choice of the course of interest, the time of classes with teachers, tests and quizzes are carried out using the Internet. Educational institutions, which have several forms of education, some universities offer courses through the virtual world, which are always of interest to the student. If a student receives information only by hearing, he / she will absorb an average of 20% of the given information. Therefore, if the lecture is given only in the form of an oral explanation of the topic, students will not remember 80% of the information given in the lesson and will immediately forget. The average person can hear and understand up to 800 words a minute. However, students in the classroom are able to hear 4 times faster than the teacher's speech. This means that during the oral presentation, the student does not hear for 75% of the time, it is empty, and if the teacher gives only an oral presentation, the student loses attention. For this reason, it is ineffective to read the report only or to present it orally.

If a student reads the information once, he will remember 25% of the information. This means that the effectiveness of the lecture will increase if the students are required to read the main points of the topic during the lesson, in addition to giving a lecture in front of the students. This will require slides, key phrases, and handouts, which will be used throughout the presentation if student activity is to be ensured.

If the data is repeated twice, the student remembers 30% of the data. If you repeat the main points of the topic twice in the report, the mastery will increase by 10% compared to just reading. If the repetition is done on the basis of slides, educational and visual materials, the effectiveness of the lesson will increase, that is, the main supporting phrases will be repeated twice and read by students.

Literature Review

Yusupov R, Rakhmonkulov F. In his book "Virtual Being - an electronic tool for modern teaching" on improving the methodology of teaching virtual lessons on the basis of modern digital technologies, experts and teachers analyze strengthening them around, the test became a single system. Psychological, pedagogical, didactic, methodological basis is being created for the full mastery of the topics. Ensuring the improvement of the quality of education of specialists and teachers through the creation of e-learning courses on the basis of innovative technologies in the curriculum is a priority for representatives of all fields.[5]

Methodology

If a student writes and reads, he / she will absorb up to 45% of the information. This means that if the key words of the report are memorized during the lecture, the assimilation will double. The average student can write up to 40 words per minute. However, if the goal is to record quickly, the result will not be effective enough. Therefore, when writing the key phrases of the report, the student should be given time to concentrate and comprehend, that is, it is necessary to pause and express the written phrases slowly.[4]

Most discussions absorb about 60% of the information in the discussion process, which means that the learning process is 3 times more effective than a simple presentation. If the above methods are applied together in the report on the basis of a certain sequence of connections, the learning effect will increase. If the student compares the information provided through life experience, if knowledge is conveyed through practice, if the students are constantly explained that they need these materials in real life, if the lesson is connected with real life, 80% of students will be able to actively express their ideas. A good teacher can pronounce up to 170 words per minute on average. The average student can read and understand up to 400 words per minute. This means that if the teacher explains the information in the form of slides or handouts, the students will be able to read the material twice as fast as the teacher explains. Students pay little attention to the speaker's explanations when they read, albeit to a certain extent. Therefore, the best results are obtained if the explanation is repeated beforehand and then through educational and visual materials. Some educators say that interactive teaching methods include modern visual aids (simple, multimedia and animated slides, handouts, lecture notes, models, mock-ups of technical aids, etc.) as well as modern technical aids (computers). , by presenting the text of the report to the student in advance and ensuring that the student is ready for the lesson. Of course, this is not the right idea. Advantages of using virtual learning The use of virtual learning is used to approach scientific practice. But in order to master the material better, you need to remember about overwork and get the dosage information. You need a picture to get some knowledge. Therefore, in addition to data transmission, an image is used along with the audio recording.[3]

Results

Two main themes are used to immerse yourself in virtual reality:

From the beat that immerses you in virtual reality. Hearing aids allow you to hear, not only to see what is in front of you, but also to look around and see everything as clearly as possible. The world around us is seen in 3D.

The spectacles, which are full of atmosphere, explore the wonderful world and the subject without being distracted by external factors, and the level of mastery of the student reaches 80 and 85%, connects the subject with real-life examples, enhances the student's activity. The student becomes an active participant in the learning process. Expresses ideas freely, participates in discussions, debates on the topic, develops practical skills.

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