



THE ROLE OF PSYCHOLOGY IN THE USE OF INFORMATION TECHNOLOGY IN TEACHING STUDENTS

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Abstract: In the article, the role of psychology in the use of modern information technologies in teaching students, increasing the quality of lessons and students' interest in science through the use of information technologies in lectures, and the use of multimedia technologies in education it's about.

Key words: student, computer, informatics, information, technology, teaching, internet, mobile application, skill, individual, ability, pedagogy, psychology, memory.

The role of psychology in the use of information technologies in student education is very important. It can be said that this topic is considered a science of psychology in connection with the important problems of the present time.

First of all, information technology has a great impact on every field in the world. This also affects our psychology. For example, we constantly get acquainted with news and information through the Internet and social networks. This affects our thoughts and feelings. In these cases, psychology helps us to analyze the logical and emotional processes, such as the correct reception of this information, the use of knowledge and skills in accordance with our direction, and the formation of our habits.

Secondly, the use of information technologies brings important changes in the educational process of students. This affects the development of students' ability to exchange information, cooperate, maintain information and its coherence and use it in practice. Psychology also helps to study and strengthen this direction and create equal opportunities for all students.

Thirdly, the use of information technologies gives students the opportunity to access and learn information at any time. This allows students to easily find and analyze important information on topics related to their field.

Thus, the use of information technologies corresponds to our psychology and educational process in many cases. The role of psychology is very important in learning and implementing ways to properly use information technologies and reduce their negative effects.



This article provides a general understanding of the importance of the role of psychology in the use of information technology in student education. Because it is necessary for the science of psychology to help students learn, increase their interest and stimulate their learning.

According to S.M. Olenev, the concept of information culture appeared at the time (period) of the meaningful change of the official attitude to the signal of the situation characteristic of the animal world in a meaningful way characteristic of a person. The exchange of meaningful units served as the basis for the development of the language. Before the appearance of writing, the development of language created a wide range of oral methods, created a culture of dealing with meaning and text. The next stage in the formation of information culture can be considered the written stage, which includes all the diversity of oral information culture.

As S. Gilyarovsky noted: "For modern specialists, the information problem with all its various aspects should become an important component of the professional outlook. They should know the structure and main features of semantic information, processes, modern information search and processing systems, and types of information systems. It is important to teach students to use the knowledge of psychological sciences on the basis of information technology in the course of training and in further activities." In connection with the objective process of increasing the role of information in society, the problem of training information consumers becomes an urgent issue. It should be noted that in the information society, knowledge about information laws and means of interaction with information becomes the basis and methodology of the information age.

Let's take a closer look at memory. Memory is the process by which an individual remembers, remembers, and then recalls his experience.

In memory, the main processes such as remembering, memorizing, recalling and forgetting are highlighted. Each of these processes is not considered a separate independent psychic property. They are formed during activity and determined by that activity.

Remembering is connecting something really new with something already in experience.

Memory is an active process that depends on the person's ability to work with various information, his attitude to it, and his perception of the value of the material.

It is very easy to remember the things that a person thinks and does directly. This phenomenon is called the generation effect in psychology.

A person remembers only 10% of what he hears, 50% of what he hears and sees, and almost 90% of what he actively does.

It can be seen from this that good results cannot be achieved if lectures are conducted only by speaking to students. So, if students are exposed and practical training is conducted using information technologies, that is, if videos, pictures, slides, etc. on various topics are used in lectures, we can definitely achieve a positive result.

With the help of modern information technologies, the lesson can be organized as follows:

1. Interactive course materials: Presenting course materials in an interactive format increases student interest. By using slides, infographics and multimedia elements, it becomes easy for students to be interested in the lesson and feel like participants.

2. Online platforms: Through online education systems such as Moodle, Google Classroom, etc., students will be able to connect to course materials, complete tasks, and manage the learning process. Through these platforms, students can get acquainted with interactive educational materials.



3. Online Learning Videos and Podcasts: With the help of videos and podcasts that are well explained to the students about the issues and topics, the students can easily learn the subjects of their interest.

4. Online quizzes and tests: Online quizzes and tests can be organized to check the level of knowledge of the students in studying the course materials. It creates a sense of responsibility for students and increases their interest in solving problems.

5. Self-analysis activities: Students will have the opportunity to create their own analysis or projects using information technology. This gives them the opportunity to express their thoughts, ideals and wishes of their students to each other and to give them comfort.

These information technologies help to make student learning more interesting and positive research. Also, teaching with modern technologies gives students an opportunity to develop their analytical thinking.

Several results can be obtained about the role of psychology in the use of information technologies in student education.

The first result is that information technology facilitates the learning process of students and increases their level of understanding. The Internet, computer programs, interactive teaching materials and other information technologies make it more interesting for students to participate in class.

The second result is to enable students to easily find and identify attached information through information technologies. Internet, e-textbooks, articles and video lessons make it easier for students to learn and understand them. As a result, students will use their time effectively, and will have the opportunity to study their students in collective and individual ways.

The third result is that information technology increases motivation in the educational process and makes students interested in learning. Interactive course materials, tutorials and games encourage students to learn effectively and in a fun way. As a result, students will not lose their interest in learning.

Summary

Information technology is of great importance in the education of students, it is important for the science of psychology to be relevant to the modern world and to strengthen the interaction of students.

The role of psychology, students' self-improvement, self-education, problem-solving and self-analysis, understanding of situations, effective processing of information, motivation and self-interest helps in important processes such as

It provides an opportunity to study the methods of students' learning and mastering through information technologies, the Internet, computer programs and mobile applications. It is an important tool for applying the learned knowledge of students and plays an important role in the development of their mastery skills.

In addition, information technologies help to manage the educational process in a complex situation and develop students' mastery skills through software. Information technologies are important in attracting attention, adapting to the strengthening of memory, increasing the possibilities of working in work units, cooperation, developing and managing the skills of work and effective work, and it affects the psychology of students in a positive way.

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To make a general conclusion, the development of the part of psychology related to information technologies and their effective use will greatly help in the processes of mastering and self-education of students. Information technology makes it easier for students to gather information and offers them an effective, convenient and unique learning environment.

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