

# The Use of Technology in Educational Teaching

Professor Rabije Murati

State University of Tetova – Faculty of Philosophy - Department of pedagogy, Tetovo

Ph.D Ardita Ceka

State University of Tetova – Faculty of Philosophy - Department of pedagogy, Tetovo

## Abstract

Today, Information and communication technology has become a way of life in which children are drawn. Today's children are beginning to use digital tools at a very young age, so that the school should respond to the needs of students. Also today it is impossible for any profession performs without the help of information technology. The computer and the Internet gives us endless possibilities and resources in improving the quality of work. Even in education, computer skills and additional equipment are needed, because they create great opportunities for teachers and inspire curiosity, imagination and interest of students. Teachers should not oppose change, but they should use new technology for better quality teaching and make it more interesting. The use of technology will positively improve results faculty and students. Teachers must carefully plan the use and integration of technology in teaching. How to integrate technology into teaching mainly depends on how many computers has at its disposal.

**Keywords:** technology in education, computer in teaching, use of technology, integration technology.

## 1. DEFINITION OF THE TERM OF EDUCATIONAL TECHNOLOGY

The term "pedagogic technology" is defined as a synthesis of programs, procedures (steps) and tools that are oriented to the realization of the educational process in the transition from a rational way to implement this process, on the other hand refers to the rational way of achieving this process, but not only that, but also for learning and optimistic way of achieving its objective.

Word techniques and technologies are often used as synonyms in different pedagogical literature, and often happens that they replace each other.

At first I will try that, based on various sources in order to solve the problem of defining the notion techniques and technologies.

In the Dictionary of Pedagogy II (1967 f.453-455) techniques used to explain the concept of pedagogical techniques, learning techniques, the technique of reading, research techniques, etc.

While in Pedagogical Encyclopedia II (1989, pp 107-108.) For an explanation of the term "scientific and technological revolution in education" - which are mainly provided clarification technology in production and further states: scientific and technological revolution promotes more major changes, transformations in the structure, dynamics of production ... ..to the content and methods of education in qualifying educational structure of employees ... ..".

If in most cases it refers to the production technology why it is important to talk to educational technology. It connects as technology and education is certainly learning content to be transferred to students and it must be done in an easier way, accessible to student, however, it needs to be practical and active participation of the two key factors in the educational process.

On the other hand, on the subject of educational technology should remember that it is a stimulant that encourages you to deal with different learning situations; It allows creation of new reports in the process of teaching and learning; It also helps and encourages the implementation of various projects in the classroom.

The teaching process requires the use of many tools and techniques for successful implementation. And educational technology is what helps increase the effectiveness of learning and easier appropriation of themes or educational content.

Considering the rapid development of technology and access to it at different times, we can conclude that somehow it correspond with use of various audiovisual in learning.

All the material resources that help teachers and students for successful realization of the educational process can appoint as teaching tools. From this learning tools are a didactic working tool, which help in efficient performance of duties of the school. All media (tools) which supplemented one another affect more productive and successful in the learning process. On the other hand we must emphasize that the more senses you engage in the implementation of the educational process more efficient the learning will be.

Wide mediation and eye full, ear, touch, can make sense of the most complete learning, while remembering or storing of teaching in students head make it longer and more efficient (Trnavac, N., Djordjevic. J., 1995, p. 320).

Implementation of the learning process through educational technology will provide greater

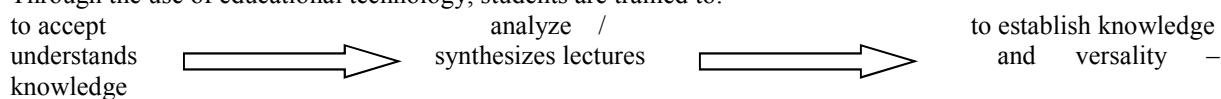
opportunities for achieving contemporary teaching but also more efficient training of students can still easily cope with the demands and challenges of life. In conventional teaching process in learning student has been passive subjected who heard the explanation of the teacher as the only source of knowledge and knowledge in class. The textbook has used in individual lessons at home and performing home duties.

Contemporary School and learning requires not only change the position of students in the classroom, learning i.e. his transforming in \_ active subject in the learning process, consisting of active participation of students in the realization of the learning process where the teacher and pupil worthy transform in learning partners; but the use of different technologies in teaching all this with only one objective learning to be more attractive and accessible to the student and at the same time respond to the demands and opportunities of the modern age in which we live.

Schools must prepares people for the future, which could find themselves in different areas of their lives. It never should remain only on preparing, training and teaching students only time in which we live, and the conditions of the present. The youth must prepare for the future, for a life in the future which will be anyway different from that of today.

Below I will try to schematically illustrate how helps the teaching process and the use of educational technology helps students faster, easier to promote the learning process and to have a long-term knowledge.

Through the use of educational technology, students are trained to:



## 2. OBJECTIVES OF EDUCATIONAL TECHNOLOGY

Using technology in education Every day more runs in the growth and Advancement.

Definding clearly objectives of educational technology its not easy by the fact that it expands day by day and is involved in various spheres of life and work.

From this will present some objectives as follows:

- ✓ educational technology opens a perspective and usage in teaching;
- ✓ teaching technology is known as the implementation of learning models,
- ✓ treat of teaching methods and scientific knowledge in the educational process;
- ✓ learning technology acts as factor and element of change in teaching didactics. (Murati., Xh.. 2013, p. 24).

In overall process of educational the teaching technology, aims to accomplish the two basic objectives which are:

1. The intensive aspect of learning, educational work; and
2. The extensive aspect of organizing educational work (Murati., Xh.. 2013, p. 25).

Educational technologies are determinated by several factors, such as:

- Ways, tools and forms of educational work;
- learning factors: teacher – pupil;
- communication in the process of teaching;
- educational programs designed for the modern technology.

## 3. USE OF COMPUTER IN EDUCATION

Computer use in education encourages changes in the concept of education, teaching contents, the teaching technologies and the relationship between teachers and students.

In contemporary learning , the computer plays an important role in the development, enrichment, adaptation to time, to fulfill the needs and users interest.

Nowadays computer has managed to greatly relieve the introduction of educational information. Popular programs such as PowerPoint, FlashPlayer, Word, Excel, Access, Adobe, etc., have become a great help for teachers in teaching."MS Office", is more than education program it aims to offer a wide spectrum of possibilities for work with computers.

The influence of information and communication technology increasingly becomes much comprehensive in many social spheres. The need and the reason of the application of information communication technology in education starts from the fact of preparing the youth to become successful in society led by the information.

A knowledge-based society need to possess good communication skills, to be well informed and always be willing to learn new things.

The use of Computer and information technology in classrooms positively affects after the teacher demonstrates the various files, and for students to become more clearly and classroom more interesting.

Computers mainly serves to expand and construction of knowledge and skills. Despite this, during computer classes, students use technology as a tool that can be applied for various purposes in the learning

process.

As below will present a picture of a class that is equipped with computers for each student. In this way the students will be able to introduce the skills, knowledge and versatility and gain new knowledge through the use of technology.



## CONCLUSIONS

From all of this is presented above we can conclude that the use of information and communication technology today has special importance, especially in education and in teaching where students take advantage of new knowledge.

Information technology is a continuation and extension of previous knowledge in this field and has to do with the acquisition of knowledge and necessary skills for successful and independent use of technology with standard software applications used in everyday life.

## REFERENCES

1. Murati, Xh., (2002), Didaktika, Çabej, Tetovë
2. Murati, Xh., 2013, Teknologjia mësimore, Luma grafik, Tetovë
3. Muzic, V., 1973, Kompjuter u nastavi, Zagreb
4. Pedagoski recnik I-II, 1967, Beograd
5. Pedagoska enciklopedija I-II, 1989, Beograd
6. Trnavac, N & Gjorgjevic, J., 1995, Pedagogija, Naucna knjiga, Beograd
7. Sholjan, N.N. 1972, Nastava i ucenje uz pomos kompjutera, PKZ, Zagreb