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כלים טכנולוגיים בלמידה והתקשרות: גישה חדשנית של הוראה **Technological tools in learning and communication: an** **innovative approach to teaching**

מבוא:

מאמר זה מציג טכנולוגיות למידה המשמשות בהוראה ובלמידה, החושפת את הקורא לשיטת למידה מתקדמת כגון "תקשורת מרחוק", תוך שימוש בכלים טכנולוגיים כגון תוכנת סקייפ - Skype. במאמר זה, הקורא ייחשף גם לדוגמאות מהשטח, בנוסף ליתרונות וחסרונות של שיטה טכנולוגית זו. תקשורת מרחוק תבוצע באמצעות תוכנת מחשב וזה נחשב לדבר חשוב ומצוין, במיוחד אם האנשים המעורבים בדבר, יהיו מרקע תרבותי שונה.

Introduction:

This article presents learning technologies that are used in teaching and learning, which exposes the reader to an advanced learning method such as "distance communication", using technological tools such as Skype software. In this article, the reader is also exposed to examples from the field, as well as the advantages and disadvantages of this technological method.

Distance communication will be performed via a computer program and it is considered as an excellent medium to

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communicate especially, if the involved persons were from different cultural backgrounds.

Characteristics of the program and its tools:

Distance communication programs has different characteristics, since they help the people involved to communicate in a dynamic and easy way using the technology, as it is used by people who live in different places and physical contact is not always an easy option.

An example of using this program in an education:

Teachers involved in the project will have a distance learning lesson before they start with the project in order to introduce themselves and to understand how it works, and one lesson after the project is over to evaluate the process and to check the changes occurred.

Advantages and disadvantages of the educational technology:

Advantages:

- easy to use.
- Interactive way.
- Being introduced to new technological methods of teaching.

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- Raising self confidence.
- learning In a calm and comfortable environment.

Disadvantages:

- The educational technology wouldn't work well if one or more these occur:
- Losing internet connectivity during the communication process.
- Poor knowledge in the computer and its use.
- Technical problems in the speakers and microphone.
- Time coordination.
- Failing in installing the program on the computer.

An instrument (tool) used in education that provides the use of information technology: "SKYPE" for learning communication.

Skype can be used to communicate by the teacher involved in the project who are from different cultural backgrounds, and it is an important issue, since it can't be performed face to face because of the physical distance! And "Skype" is an excellent program.

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Specialties and components of the tool :

“Skype” is one of the unique tools that people with far distances can use to communicate, since it includes different functions that help participants to communicate such as a window for blackboard writing, microphone headset, the ability to upload files and videos...

Example of using the tool in the educational process:

having a meeting via the Skype for the involved persons who are from different cultural backgrounds. In such meetings, they exchange information and participate in activities that would introduce them to the other culture.

Advantages and disadvantages of using the technical tool of choice:

Advantages:

- Skype gives the opportunity for people with far distances to communicate.
- It is easy for use.
- Not far from “regular and simple” computer programs for people who are familiar with computer.
- Supports technically different file formats like power-point.

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- Offering a possibility to exchange questions and surveys with showing the results.

Disadvantages:

- Does not work properly on all computers.
- the lesson is not logged.
- simple format/design.
- technical problems such as Internet outages.
- It needs nictation on the computer.

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