CONTEMPORARY TEACHING TECHNIQUES IN EDUCATION

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Abstract

Modern Teaching Techniques have been spread all over the world, which is useful and easy for teachers. Modern Teaching Techniques educate children well and make them understand clearly. In this era, there is an increased usage of the internet in educational applications; this could mean that students and teachers will increasingly make use of technology within open and flexible learning systems. Technology plays an important role in enhancing and developing our culture system. Intended outcomes as well as unintended results of using Modern Teaching Techniques for teacher professional development need to be explored.

Key Words: *Modern Teaching Techniques, Objectives, Classification of Teaching Techniques.*

Introduction

Education is a method by which the personality of a child is developed. Thus the education of tomorrow should be able to play its role more effectively by making the individual creative, innovative and effective. One teacher would be unable to cater to the various individual differences of all the students. So **Kothari Commission Report (1964-66)** recommended "The supply of teaching aids to every school is essential for the improvement of quality of teaching. It should indeed bring about an educational revolution in the country." The innovative teaching methods with the latest teaching technologies helps the students to achieve their excellence in education. "Technology & knowledge would play an important role in value – addition to our core competence of natural and human resources, a must for achieving our vision of 2020 that is of sustained development." - **Dr. A.P.J. Abdul Kalam, 2003, (Former President of India).**

This paper deals with the Modern Teaching Techniques that are used in Education, compare modern to traditional education. These techniques help to attain the following objectives.

Objectives

➢ Present the material in more interesting and attractive way

➢ Guide and help the students in enriching the qualitative material

➢ Make best use of time and coach the students

➢ Provide individualized instruction

➢ Direct the students toward cooperative as well as collaborative learning activities

➢ Prepare the learning material for students, rather teaching in conventional situations

➢ Diagnose the learning of students and help them to overcome their study problems

Classification of Modern Teaching Techniques

1. *Techniques associated with Teaching Method*

✓ Brain Storming

✓ Micro Teaching Technique

✓ Programmed Learning

✓ Inquiry-Based Learning

✓ Mind Map

✓ Cooperative Learning

✓ Dramatization

2. *Media involved in Modern Teaching Techniques*

✓ Audio Aids

✓ Visual Aids

✓ Audio-Visual Aids

✓ Interactive Electronic White Board

- ✓ M-Learning

- ✓ E-Learning

Modern Teaching Techniques

Among these classifications, some of the Modern Teaching Techniques with the help of advanced technology are frequently adopted in classrooms. We can see them in a detailed manner.

Brain Storming: It is a group creativity technique that was designed to generate a large number of ideas for the solution of a problem. Problem solving is a process to choose and use the effective and beneficial tool and behaviors among the different potentialities to reach the target.

Micro Teaching Technique: It is essential to practice the teaching skills in order to become better teachers. A teaching skill is a set of teaching behaviors of the teacher which is especially effective in bringing about desired changes in pupils' behaviour. Allen and Ryan in 1966 identified 20 teaching skills at Stanford University. This list has now increased to 37 teaching skills. These skills can be assessed by means of an observation scales. It is not possible to train all the student teachers in all these skills in any training programme because of the constraints of time and funds.

Programmed Learning: Programmed learning (or programmed instruction) is a research-based system which helps learners work successfully. The learning material may be a textbook or teaching machine or computer. The medium presents the material in a logical and tested sequence. The text is in small steps or larger chunks. After each step, learners are given a question to test their comprehension. Then immediately the correct answer is shown.

Inquiry-Based Learning: Inquiry-based learning starts by posing questions, problems or scenarios— rather than simply presenting established facts or portraying a smooth path to knowledge. The process is often assisted by a facilitator. Inquirers will identify and research issues and questions to develop their knowledge or solutions.

Mind Map: It is one of the Innovative teaching techniques. It was developed by Tony Buzan in 1960. Mind Maps are used as learning and teaching technique. Mind Map visually illustrates the relationship between concepts and ideas. Often represented in circles or boxes, concepts are linked by words and phrases that explain the connection between the ideas, helping the students, organize and structure their thoughts to further understand information and discover new relationships. Recollect information for long time. Mind map help for better learning and effective achievement.

Cooperative Learning: İt is a successful teaching technique in which small teams, each with students of different levels of ability, use variety of learning activities to improve their understanding of a subject.

Dramatization: One of the Modern teaching techniques teaches students how to behave in a situation by living it. Physical environment/costumes/accessories are important and they effect the concentration of the students. Students use their own imagination thus improving their creativeness. It provides direct involvement in learning on the part of all students, improves their language usage, communicating/speaking and listening skills and allows for the exploration of solutions.

Audio Aids: In the recent past these hearing aids like cassettes and recorders were in used in the process of learning of English language. Such teaching aids were effective in improving the phonetics, pronunciation and spoken English of the students.

Visual Aids: Apart from the traditional visual aids like charts, pictures and models that are still in use in the classrooms, there are other modern visual aids which were in use in the recent years. These aids include the picture slides, motion pictures and the like.

Audio-Visual Aids: These are being widely adopted and used in many of the educational institutions, which have a separate audio-visual room or lab. By the growth of technology children are showing much interest in computer-based learning like the Power point presentations.

Interactive Electronic White Board: This is a very recent development wherein the whole board acts like a touch screen with students being able to do

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various manipulations directly on the board itself. Basically the white electronic board is connected to a digital projector which projects the material on the computer onto the board.

M-Learning: M-Learning is the technique where learning occurs in multiple contexts, through social and content interactions. M-Learning Technologies are available by using personal electronic devices such as handheld computers, MP3 players, notebooks, mobile phones and tablets. M-learning is more convenient and access at anytime and anywhere.

E-Learning: Instructional Content or Learning Experiences delivered of enabled by Electronic Technologies (Ong & Wang, 2004). E-Learning Teaching Strategies are E-lecturering, E- discussion, E-monitoring, E-tutorial, E-access to network resources, E-structured group activity, E-informal peer interaction, E-connected education, E-quality learning and simulation.

Teaching Methods: Traditional Vs Modern

Teaching styles have changed significantly over the years. The traditional way that education was delivered was through recitation and memorization techniques, whereas the modern way of doing things involves interactive methods.

Because traditional techniques used repetition and memorization of information to educate students, it meant that they were not developing their critical thinking, problem solving and decision-making skills. Modern learning encourages students to collaborate and therefore be more productive. Saying that, traditional and modern teaching methods are both effective and useful in today's education. Sarah Wright, who blogs for TES, explains, "As with most things, it's all about balance. We need to understand when a traditional method works best and when it's right to try new and innovative approaches."

Conclusion

Using Modern Teaching Technologies, learners are now able to participate in the activities of the learning communities throughout the world. They may learn collaboratively, share information, exchange their learning experiences and work through cooperative activities in virtual learning communities. Modern Teaching Technologies facilitate teaching and learning process in more productive fashion. In a nutshell, Modern Teaching Technologies are restructuring the teaching learning process to meet the International standards.

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