

Research Article

STUDY ON THE EFFECT OF UTILIZATION OF PROBLEM-SOLVING DIMENSION OF STUDY METHODS ON THE EDUCATIONAL SUCCESS OF STUDENTS

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ABSTRACT

In recent years, dimensions of educational technology have pervaded all functions of management and especially problem-solving dimension which aged over one decade is dominating functions and principles of educational management and need systematic arrangements and planning. In the present research, by emphasizing problem-solving dimension of study methods, it was concluded that it would bring about educational success for the students.

What is clear is that nature of the educational management or leadership is an effective factor on improvement of education process and objectives in organizations because managers deal with variety of educational plans and policies on the one hand, and with educators and other educational tutors, on the other hand.

Keywords: *Educational Management, Educational Success, Problem-Solving Dimension, Learning*

INTRODUCTION

Today, issue of management quality and effectiveness of educational systems is one of the most important concerns for the educational system and for those who involved in it and decision-makers in development affair in any country so that over the last decade, states could hardly pay current costs of education. New educational technologies could claim and even are able to reduce management costs by a framed plan and by changing the structure and methods of education and could increase the quality and make products of educational system consistent with needs of society and step towards making the education an applied one (Salehi and Heidari, 2007).

Emergence of new technologies has accelerated world developments in the information and knowledge age. Although this phenomenon was firstly started from military environments and then spread academic centers, today it has affected different aspects of community lives. Now it is almost two decades that new technologies have entered in the field of education and our educational system is not an exception to the rule.

Although very small level of these technologies have been applied in different parts of education, it is time for us to make fundamental changes in our educational system along with the other world countries so that on the one hand we do not fall behind this rapid trend and on the other hand we could utilize benefits of information age (Kiasi, 2007).

Concept of educational management is derived from general concept of management and is in the specialized field of education. The first aim of educational management is to achieve objectives of education in which no activity other than those objectives is allowed. Function of management in general, and educational management in particular have some important features that need special capabilities and skills. As Phillip Komen mentioned, if any evolution is to be made in the field of education, it should start from educational management.

Relationship between Educational Management and Educational Success

Professionals in education are well aware that the most critical factor to lead the educational plan and systems is the educational managers. Over the last two decades, in most countries the main emphasis towards the educational reforms has been on the role of managers. Researchers consider managers as the most important and fundamental factor for change and evolution in different fields particularly in the field of education.

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Learning

Learning is the change in behavior. Theorists have offered different definitions of learning; however definitions of Hilgard and Marquis of learning are more comprehensive. For theorists, learning is to make relatively stable changes in behavior of learner provided that such changes occur as a result of gaining experience.

Educational Success (Educational Self-Efficiency)

Experts such as Stone Sur, Seaman Oxi, Etick and Gokmen (2010) view educational self-efficiency as one of the concepts related to self-efficiency that refers to student belief in his/her ability to reach a certain level of tasks. Elias (2008) considers educational self-efficiency a product of student's trust in his/her ability to do difficult tasks successfully and Arbona (2000) thinks that high level of educational self-efficiency is related to some variables such as adaptability, success in school, and getting help from others in the specialized issues.

Factors of Educational Success (Educational Self-Efficiency)

Research indicates that self-efficiency could influence motivation, learning, and educational progress (Parares 1996; and Schunk 1995). Students who feel self-efficiency in doing their tasks have higher level of progress and operate more seriously than those who doubt about their own learning capabilities. It is more apparent when one faces difficulties. Although the educational progress is not considered the only sign of success, it is regarded as an important indicator in assessment of success.

Advantages and limitations of the effect and application of problem-solving dimension of study methods are as follows:

- Creation of understanding and cooperation in schools
- Improved process of evaluating teachers and learners
- Reduced waste of time and resources
- Reduced need for physical presence in schools
- Establishment of relationship with parents of students in different conditions
- Establishment of relationship and cooperation with the other managers
- In such management system, by employing present network cycle in problem-solving dimension schoolmasters could have discussions and conversations and could compare and replicate the strengths and weaknesses of their own centers.
- Improved process of teaching and learning and utilization of virtual education and learning within virtual space for learners
- Manger as part of a whole
- Development of capability of managers to hold scientific conferences and exchange of informational knowledge for professional improvement and development

RESULTS AND DISCUSSION

Today utilization of dimensions of educational technology in the process of teaching and learning and management in particular is considered an educational necessity all over the world and given the importance of the issue, researcher in the present study investigated the effect of utilizing problem-solving dimension of the educational technology on development and improvement of the educational management.

Factors such as reduced need for physical presence, reduced waste of time and resources, establishment of relationship in different conditions, an improved evaluation process, and establishment of relationship and cooperation are considered some advantages of problem-solving dimension in the educational management and issues such as high educational costs in the beginning, need for specialty and skill in the field of new technologies and understanding various aspects of problems require to hold in-service training courses for members are some limitations for this technique.

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