

Evaluation of teacher knowledge with teaching patterns and its application in the teaching process

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Abstract: Select the teaching model is one of the important steps in instructional design. In today's sophisticated world, must rely on the education system for training specialists and experienced. This is the greatest art of teachers that provide the conditions that brains and hands of students will work together, and make them engage with science content; rather than rely solely on data and information transfer. Because development of students with accumulated minds of information and hands without any technical skills is not too difficult work. In the process of new teaching transfer of knowledge and concepts has less performance, and more attention is to the process of knowledge production. This process provides ability to identify opportunities, selection suitable solutions, understanding and careful analysis of the issue, and finally discovers the truth for learners. Many factors influence the quality of teacher education, including: Teacher personality, his areas of scientific and practical, background and social and family relationships of students, academic background and personal characteristics of students, the importance of the subject matter, rules and regulations of educational system and In general, communities that teacher and student live in it. Deductive thought process is as follows: Problematised by the teacher; the issue explained by pervasive; group discussion; analysis of the discussions, and extraction of common points; conclusions and provide the clearest answers to the question.

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1. Introduction

Education experts believe that, education is amended with increasing teacher effectiveness in the teaching process. Great art of education practitioners is that arrange in order to brains and hands of students will work together, and make them engage with science content; rather than rely solely on data and information transfer. Because development of students with accumulated minds of information and hands without any technical skills is not too difficult work. In today's sophisticated world, must rely on the education system for training specialists and experienced. And for achieve to this goal, is no effective means of providing community apart of school. So whenever are talking about of education, teaching is considered as an integral part of it. Therefore, teachers should be good learning patterns of the basic skills teaching, to achieve these goals, and used them effectively. Twentieth century, particularly three, four decades to see very deep and broad changes like never before seen. This change has affected all further activities. Due to recent developments, communities can meet the needs of their ability to recognize the changes that the education system needs to able to train students with skills for independent investigation, fact-finding, resilience, self-esteem, with global insight, foresight, skill and spirit seeker's ability to do research, problem solving skills, and a belief in the value of the sensitivity moral and humanitarian, etc. Achieving

these goals depends on having teachers who have sufficient knowledge about the transfer of these skills to their students; we teach our teachers need to recognize that different patterns, and can be used as patterns of to teach the abilities and skills needed for the students to create. Considering that today is considered exploratory learning events that take place through the active participation of teachers and students need to understand the working relationship between the factors of teaching is very important. Experienced by the individual, is a mutual activity. In the process of new teaching transfer of knowledge and concepts has less performance, and more attention is to the process of knowledge production. This process provides ability to identify opportunities, selection suitable solutions, understanding and careful analysis of the issue, and finally discovers the truth for learners. To achieve these objectives, the approach, teachers must learn the characteristics of various methods of teaching and active learning organization know, and they should attempt to achieve them, and operate them in their teaching process (Fazli-Khani, 1999). Model that can address all learning process and learning objectives cannot be achieved; in other words, each pattern is preferable to achieve certain goals. The point is that most teachers (designers) need to have an understanding of a range of models, and should be ready in time to add a new express service, and polish your old patterns of and develop. Leading the

education system to prepare students to meet the challenges of today's world is the next big and small. Coaches and teachers who know this system, their traditional role as providers described in textbooks and courses interviewers over; they are expected to develop the next generation of consumers and life skills such as creative thinking, problem solving ability, critical thinking, increase socialization and the like. And students so that they can lead productive, creative work their way in the future vicissitudinous to find them. To accomplish this, the teachers should give us different ways of learning and learning to learn, in order to use appropriate teaching methods, students are given the growing (Ghourchian and Fazli-Khani, 1998). The teachers must be willing to look at the tutorial and see if your education is a way of teaching them to cause problems or not. Teachers should try to learn the ways students are likely to have disciplinary problems will result. Teachers should adopt practices of education objectives achieved and cause students should not conflict and students to effectively make use of it (Ahmadi and Shahabi, 2000). So it is essential to know how much with teachers with different teaching patterns are familiar and to what extent these methods and models are used in the teaching process itself. The main objectives of the training program to meet the needs of a changing society and to compensate the academic loss. Many variables are involved in implementing it. A group of these variables is that they have the professional skills of teachers under the old is constantly; most basic patterns and teaching skills of teachers on their correct application. Before addressing the students and teachers the schools have to pay for process of education and training without good teachers, pupils and students gain time, or generally contribute citizens, is almost impossible. We should never forget that "teachers learning on student learning is a priority." And any and all amounts invested in training teachers, or teachers with the preparation of a full head, hands and heart of the software is actually capable of all-round development investment (Shoari-Nejad, 2002). Select the teaching model is one of the important steps in instructional design. Usually the chosen Teacher of the content and the need to choose appropriate teaching strategies and models; policies and practices as a teacher he taught students how to work to achieve specific educational goals makes. "In fact, the teacher's regular measures for the purpose of considering the conditions and possibilities adopt techniques (patterns) they teach." Teacher are knowledge and understanding of different teaching patterns, it will never be able to select the correct size that he is familiar with different teaching patterns, in various positions for the purpose

of teaching, would have a greater free (Shabani, 2000).

1.1. Different patterns of teaching

Teaching process is very complex and influenced by multiple factors includes: educational, financial and material. Control all these factors leads to establishing in appropriate and effective learning environment. Many factors influence the quality of teacher education, including: Teacher personality, his areas of scientific and practical, background and social and family relationships of students, academic background and personal characteristics of students, the importance of the subject matter, rules and regulations of educational system and In general, communities that teacher and student live in it. Obviously, the teacher cannot control all of these factors. For example, in most cases, the issue of learning in the textbook and the teacher cannot change it to your liking. Terms of teachers in the education system is also very limited and sometimes impossible. Due to the limitations listed, how can teachers learn to control the desired position to increase the quality of your teaching? (Ghourchian, 2000). Teacher learning in a good position are not able to modify and control many factors, but so can the quality of his teaching has changed with the explicit purpose of implementing, adopting appropriate models and methods of teaching and the preparation and use of equipment necessary to create a healthy relationship with his disciples (Shabani, 2000). Select the type of teaching model of teacher of education philosophy and attitude will be. The attitudes and beliefs of his work in this area will form the basis of selection. Authorities have introduced several teaching patterns that are not possible to analyze all of them in this episode. Therefore, they are referring to some of the most important patterns. The first of these divisions, the distribution patterns thinking and patterns of thinking is taught to a machine pattern. A model of machine learning models look very old. In this model, the human being as a passive creature shall be considered null and passive indulgence is inherently lazy. According to this model, human activities are done by external forces, therefore, the purpose of education, regardless of transmission, filling the mind and shape his behavior is consistent with predefined patterns. Educational outcomes this model formulation stage and inflexible curricula and emphasis on content delivery in education; educational activities in many developing countries, often based on this model is established. In the process of implementation of this model, the teacher is the center and focal point of students and always as they appear in front of a sea of information. The reason is that some this template

patterns called "teacher-oriented". A distinguishing feature this model is that of students learn the material too quickly and too soon forgotten, because for them there is no teacher but the exam. In contrast, model-based machines, there is a review of the organizational model. Look at the enterprise model, according to the student's ability is important. The last time there was this kind of thinking, its effects have been observed in most education systems in the last half century. According to this model, the person is considered as a living organism that is intrinsically active. The model aims to improve the education and continuous training of personnel in order to maximize their potential. this pattern of learning outcomes, curriculum implementation "stage" and inflexible, but the alternative is a flexible system where merit and competence in relation to the content, the importance of the education process or the product of learning attention to qualitative changes than small changes and improvements in the emphasis on the role of experience in human resources is of paramount importance. Schools and classes evolved, changing the way we teach, learn, and create institutions like the look of the pattern of organizational learning systems. The training activities within this model so that the needs of students at one concern; therefore, some of the "model student pivot" is labeled, does not ignore the behavior and applications are pushing towards their understanding (Shabani, 2000). Furthermore, although families are a distinctive approach to teaching to teach patterns but not in any way contradictory to each other and can be combined profit of the elements and components to search. This requires creativity, experience and skills, and scientific and professional obsession is here, four families of teaching patterns are briefly presented.

1.2. Family; patterns of individual teaching

Individual learning patterns begin with a personal perspective. Individual patterns group has great attention to the individual view, and are intended to encourage constructor independent in the individuals to people are increasingly conscious, and assume responsibility for their own destiny. Individual patterns focus on the growth of self-actualization that understand themselves and can assume responsibility for their future. Behavior therapy and cybernetics is a theoretical basis for social learning. This family will guide the design patterns. In this model, humans' reformer as their communications systems are being considered in response to the information received, on how to perform successfully the duties, their behavior will change. For example, consider a person who rises in the darkness of an unfamiliar staircase. (Task) puts the foot on the stairs; the first step is to test. If you

are too tall in his step, and feedback received will remain up in the air makes contact with stair to the lower leg. If his pitch is too short, as the foot as it hits to the edge of the staircase, there is feedback. Based on feedback from the person gradually adjusts its behavior is relatively easy to reach to the top of the stairs. Psychologists use knowledge of how people react to their ability to reform and feedback functions in humans have created. Programs to reduce their morbid fears, learning, reading and counting, athletic and social skills development, peace and comfort rather than anxiety and replace the complexities of learning physical skills, social and intellectual guidance to an aircraft or space shuttle have developed. These patterns of observable behavior, communication tasks and the methods are focused on student achievement. These patterns are based on extensive research; these models can be used for learners of all ages and types used for training purposes (Ghourchian, 2000). Behavioral patterns systems development in a few years 'teaching system' to development environments in which students learn how to learn, have changed. This means that, fifty years ago it was possible for a complex simulator designed to teach students the skills to be provided; now the person can respond constructor to assignments and feedback, concepts, and skills to teach him. The main purpose of all models of system behavior, make student's ability. Get extra performance evaluation, understanding and responding to feedback and adjust behavior to maximize performance goals are secondary. However, designers are very different for the different behavior patterns. Emphasis on certain types of behavior, each of these models, they are distinct from each other (Ghourchian, 2000).

1.3. Sub-patterns of teaching

Inductive thinking: In this method, teacher by questioned, and argued, continues to questions and answers to uncover the truth, after identified learners' error. The teacher does not speak the inductive method, and students puts during the learning with the considered questions. Teacher questions are related to minor issues, that slowly guiding student to achieve overall goals or objectives through the training component objectives. Also teacher guiding student to reception general definitions through the detailed and objective evidence; these methods include lectures, question the methods are complex sensory. In this way, students learning more durable because they are valuable, teachers in the implementation of this method, respectively, concept development, content interpretation, application of the principles of inductive teaching model implements. Deductive thought process is as follows:

- 1- Problematised by the teacher
- 2- The issue explained by pervasive
- 3- Group discussion
- 4- Analysis of the discussions, and extraction of common points
- 5- Conclusions and provide the clearest answers to the question

Through proper implementation this method, can help learners self-esteem, and take a long step in learning practical sustainable.

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