

EVALUATE THE EFFECT OF CREATIVE TEACHING
METHODS BASED ON THE CREATIVITY PATTERN
PLESK ON ENHANCE EXPAND STUDENTS' GRADES

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Abstract

Study to evaluate the impact of innovative teaching methods based on the creativity pattern Plesk on creativity children have been in the 94-93 school year. For this purpose, a sample of 50 persons from the fourth grade primary school students in Isfahan that were selected by the test and control groups of 25 subjects were divided into two. Abedi creativity questionnaire was to collect data on the pre-test and post-test data were collected for both groups. Reliability using Cronbach's alpha 0/91, respectively. The data in the two level of description and analysis based on. The results showed that elevated creativity and expansion components students in test after test was higher than before the methods of teaching creative influence model based on creativity creativityPlesk to increase the grades of the students. The results showed that elevated components extending creativity in students higher than before test after test that shows the effect methods of teaching creative creativity model based on Plesk to increase the grades components extending creativity of the students.

Key words: creative methods of teaching model creativity Plesk, elementary.

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Introduction

Changing world of science and technology, culture, population and limited resources, people with needs, circumstances and new problems facing the individual and society. As a result, many stakeholders and approaches are not able to tell us the answer to the necessities of place and time, including the opening of interconnected problems that cause and effect relationship does not fit in, to be led. According to this theory, the search for new approaches in the development of educational systems and curricula that basic and essential element of any economic development, social and cultural, is inevitable. New approaches in the light of human creativity and innovation developed by the innovative system of education is formed and the origin and development of guidelines becomes more developed. Years ago, the historian and philosopher famous "Toynbee" has said "Creativity LIFE death as a society," and believed that if society does not take advantage of the gift of creativity can answer the needs of time and place and complex problems your people and they have the ability to suppress worse if one of its inherent right of all creatures is prohibited. Reason enough to society to prioritize the education of creativity.

"Indeed without creativity and innovation the world advanced said his current position was supposed to be? Without doubt progress in the field of the new human life through creativity and innovation has been achieved and that there Education and Training one of the basic factors produced the creative thinking more effort it was devoted man of the creative and ingenious and if The time to express their ideas and find the decision on the fate of their, share, producing more of its new show more responsibility and accept, special attention to the education and training especially the childhood creativity in the education of children is of importance "(whaiz, 2003/1381).

Now millennium brusque third we can dare said creativity is what modern life civilized man of primitive man first separated. Creativity has always been a concept has been complicated and the theory of various civilisations and definition about it have been presented often each aspect of it for a particular emphasis on. Methods of teaching one of the factors of the creativity and innovation of the students. Knowing and understanding the effective methods of teaching creativity in one of the progress of the basic psychology in the twentieth century. Methods of teaching and the models knowledge related in the education is necessary and it is necessary for many of the differences in the performance of the people instead of to their ability can be educational methods. If the teachers of methods and pattern of teaching to the consciousness have nominated by designing suitable polling educational activities can reach positive results and effective.

With regard to the approach in the new issues of the education and training of the influenced by the scientific findings that any freight and in the culture by itself will be done, the need to do this present research and introduced this subject than ever need Wright shows. This research with the aristocracy to the need and with the hope that effective in the kingdom and in the culture of the education system and our country will be taken to the codification of the hope that stone of suitable for use in practice and that basis for later works.

Statement of problem

Creativity characteristics human ideal is that schools must have for the education or training that show seriously. Education creativity and creative thought or education as one of the goal of the Constitution and has been recognized education, always the public support has been. Experimental science lesson that now in the education elementary special status includes the collection of the organized and the

methods of recognized that can help the education of creativity. In the Book of the New elementary school is to try to students through President Bush says, testing, and research concepts to learn and identify issues, the formation of theory search for information and analysis to the results creative thinking. Many evidences show that unfortunately this researcher is not child and many of the learners can active creatures, be turned into a productive and creative (Mantaghi, 1380). Reasons for such a problem a few next remarkable study. Study the process of compilation of how evolutionary content and method of teaching creativity shows that this process is based on different models of.

In the field of investigations for a time has been to a few samples of their

(Hensi1997) pointing out we environmental communication with creativity and examined to study on the role classes and school in creativity. He concluded that classes and teacher an important role in increasing the motivation and creativity.

(Gobins1995) also in the investigation of students on creative, the education program and lesson, parents, teachers, habits and personal interests, and individuals goals as effective agents in success are. Domestic researchers on creativity especially in the Books of experimental science research some Content analysis of the text of experimental method with.

Reyn, Slavic and Walsh (2010), emphasize the students to learn more and deeper with new communication technologies, including the Internet, digital and mobile programming, related to these technologies, the more creative teachers act.

Groves Edwards (2011) notes, he then asked the 17 primary class teachers to encourage their students to use the new communication technologies, to write and

produce texts needed to act, in practice, observed that students in the use of technology in providing the requested texts, creative act.

According to what was said the following hypothesis is considered

Innovative teaching methods based on the pattern of increased creativity Plesk stretch marks affect students.

Research Methodology

In this research the goal is applicable and in the method of the kind of militia is a test for the impact of the implementation of methods of teaching deals with. The kind of performance you know. In time of the kind of temporary and is the kind of data a little and the method of collecting information and transmit the data to a field and through questionnaire. In the present investigation the investigation with a group test-after test has been used. That the plan that has been in the.

Table 1 shows the pre-test and post-test study

Pre-test and post-test independent variable sampling method

Sampling method	Pretest	Independent variable	Posttest
Available	T1		T2
Available	T1		T2

Target population

The population consisted of all primary school girls in Isfahan in the academic year 94-1393 are the total number of undergraduate training, according to city management education to the 4850 people.

Sample size

The fifth grade students in two classes of 25 were assigned to a class as a group and as a class were randomly assigned to the control group.

Sampling method

Sampling method on samples available in. In a way that the class of a school to a two fifth grade selected on random sampling and then students into two groups to random test and control were chosen and the questionnaire for the creativity and implementation of test after test was used.

Data gathering tool

In this study, according to the subject and how it is used Abedi creativity questionnaire

Innovative teaching methods based on the pattern of increased creativity Plesk stretch marks affect students.

Results

Evaluate the effect of creative teaching methods based on the creativity pattern Plesk on enhance expand students' grades

Table 2 Descriptive statistics paired t-test innovative teaching methods based on the model of creativity Plesk impact on test scores

SD fault	Standard deviation	Count	Average	Test	Group
0/60	3/01	25	22/48	Pretest	Trial
0/48	2/40	25	26/28	Posttest	

Results Table 2 shows the scores of students in higher test scores of students in the test. The standard deviation of test scores of students in the pre-test is a little lower.

Table 3 shows the results of the paired t-test innovative teaching methods based on the model of creativity Plesk impact on test scores

Sig.	Df	T	Mean differences		
			SD fault	Standard deviation	Average
0/0001	24	-11/12	0/34	1/70	-3/80

Results Table 3 shows the development of students' test scores significantly higher than the scores of students in the test. Reflecting the impact of creative teaching methods based on the creativity of Plesk to increase students' scores have been developed.

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