

EVALUATE THE EFFECT OF PICTURES RELATED TO NEW
CONCEPTS IS WRITTEN LESSON BOOKS ON INCREASE THE
CREATIVITY SCIENCES PRIMARY SCHOOL STUDENTS

Zahra Toghyani¹

Dr. Fazollah Yazdani²

Abstract

Present study to assess the impact of new lesson concepts released images related to on increase the creativity Sciences primary school students from the perspective of teachers in primary education has been made in Zarin City in 2014-15 school year. Method for practical purposes, theregarding the number and formed in Zarin City with 190 people, of whom 118 were women and 72 were men. The sample size is based on a simple random sampling method referred to Morgan's formula is that the sample size in this study, "123 teachers" measures of this questionnaire is a self-made. The results showed that the highest level of picture elements of the teaching force the example that is provided with the highest average ratings 15.69 and component images on the training of the different stages of the scientific method of problem solving with an average rating of 10.15 is the lowest.

Keywords: elementary school, creativity, students.

¹Department of Curriculum development, Meymeh Branch, Islamic Azad University, Meymeh, Iran

²- Faculty Member Department of Curriculum development, Meymeh Branch, Islamic Azad University, Meymeh, Iran

Introduction

Currently era, the face of the challenges of a changing world, for the human mind is undeniable. To meet these challenges, "education" is the only way that humanity faces.

According to the program of education and training to keep pace with global developments in information technology era that is called knowledge era, the most important issue that has attracted the attention of experts. All of countries to the necessity of change and reconstruction programs of change to follow training programs have found that they can no longer remain in captivity, maladaptive patterns.

Statement of Problem

Science education program of modernity and post-modern view of the fundamental differences. One of the important differences in terms of curricula, mainly due to different interests. In view of modernity, technical interest is important and based on the interest, course content, the set of basic skills and information organized. Skills such as observing, forecasting and review numerous assumptions, including those who are considering Sciences curriculum designers. From this perspective we expect the children after the acquisition of skills, behaviors expected that rational action oriented exhibit tangible results. Technical modernity interest perspective, conceptual framework and methods for the experimental sciences and advance it into an applied science and makes limited. In view of the postmodern interest communication is on the agenda. The communication point of view, the content of science, a set of relations between the situations that children can understand these relationships, the understanding of deep knowledge and values to be achieved. (Jahani, 2009)

Brown, 2006 stating that the school curriculum for all students is experience with improved skills in critical thinking and creative problem solving, teamwork with others, better communication, influence writing, critical reading and research to solve problems is. In short curriculum designed to engage students, educational content, learning materials, learning resources and processes used to evaluate the achievement of educational goals. (Department of Education, Indiana University, 2010)

Considering to what was told to consider the definition of science and creativity

Science:

Science is one of the most important parts of the curriculum form. Learning science helps students to identify ways to improve the world around them. For this purpose, to business concepts that will help them to make their experiences with each other. Children should learn ways to organize, use and testing to learn. These activities will strengthen their ability to understand the world around them and intelligent decisions and solve problems in their lives will help.

Creativity:

Creative is one of the names of God and means very creation, the Creator, the Creator. (Hajar verse 86) and chapter head of verse 81 the two adjectives Great God (creative wise) the creativity and knowledge of the end, relies. Human creativity is a desirable feature for education and training schools should show its seriousness. Education or training of creativity and creative thinking, and is known as one of the fundamental goal of education has always enjoyed popular support. Science class that enjoys a special status, including a set of material was organized and well-known method that can help to foster creativity.

Images new released educational books sciences primary school with an emphasis on new approaches in the field of education and training also is written tries to diversify teaching methods in science, the field of realization of the basic purpose to provide interested students learning, especially learning of science and their positive attitude towards school, Increase students' creativity, strengthen the spirit of cooperation among students and become a competition to friendship in the classroom, forcing students to think about issues and strengthen their self-confidence to develop critical thinking and high level thinking skills, basic skills reading, writing and numeracy in primary school children, strengthening the spirit of research among students by familiarizing them with everyday situations of life, significant reinforcement learning using concrete materials and educational equipment.

It is important to study the relationship between education and application of modern science and the increase the creativity of learners pays new released.

Considering to the foregoing, it seems essential that the impact of training booksnew released images of elementary school students special attention on developing creativity, which is the main objective of this study is considered.

Background Research

- Marksby (2011, 56) says: "The result of innovative creativity is decisive and it is only when one creative new things that previously did not exist, but also re-invent the creativity is a. This means that if personal invention, even if the invention is used, it is creativity. "

Kaiser (1968, cited in Rezaeian, 1376, 4) creative use of mental abilities to create a new conceptual idea or knows.

- The prosecutor's investigation (1381), honesty (1387) and sales volume (1389) it was found that most of the teachers, elementary school science concepts and issues books to assess the problem and said that non-compliance with the contents and objectives of mental ability students, a lack of understanding of concepts and content, to create a good balance between the elements and the skills, attitudes, knowledge have received little attention.

Research findings Jmshydnzhad (1383) led the Tribe (1391) Clip (1389) Kiamanesh (1390) and Badri (1390), implies a lack of familiarity of teachers to implement new methods of evaluation of experimental science curriculum.

- (Martin, 2004) in order Kiamanesh research (1385) conducted by Martin (2004) have also described other research findings Thames third international study in the field of primary education shows that students learn in Iran The science is very low. The study also reviews international Thames average of correct answers students in third grade and fourth in relation to the content of education show that in the third grade to fourth grade, 60 percent and 52 percent of the content taught, learned not.

- Steven (2002) in a study on the state of science in elementary schools in California has stated that in addition to teaching science content should engage students in the scientific process, but unfortunately in practice this does not happen and Research have shown that teachers in this area are somewhat weak.

Research method

Methodology for practical purposes, the data in terms of the quantity and nature of the correlation, because without the manipulation of independent variables we want to examine its relationship with the dependent variable.

Statistical Society

The first step is the definition of sampling.

The population of the study all teachers of primary education in the city have formed the Golden City with 190 people of which 118 were female and 72 were male patients.

Sample size and method of measurement

In the present study, the sample size based on simple random sampling method with reference to the sample size in this study was Morgan's formula that "130 teachers' accounts and it should be noted that in this study due to the undergraduate degree is considered basic education, the number was reduced to 123 people.

Measurement tools Information

Library studies and enjoying the study of Persian and translated books, magazines, articles, newspapers, relevant research, note taking method is used to measure the questionnaire is a self-made.

Research result

Which of images related to concepts new released of primary school textbook on creativity most of which had the least impact?

Priority	Average grade	Topic
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1	15.69	Images related to teaching force is provided With examples of how students can lead to increased creativity?
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25	10.15	Images related to the different stages of the scientific method of problem solving, such as education (see 'data collection' hypothesis testing and how much to an increase in the creativity of the students?
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Chi-square statistic: 135/35

Degrees of freedom (df): 24

Significance level: 0/001

The Highest ranking related to component "images of the teaching force is provided with examples of how students can lead to increased creativity," with an average rating of 15.69, the highest and the lowest rating of the components of the education process images various scientific method of problem solving (see 'data collection' hypothesis testing, etc.) how much lead is to increase students' creativity? With average rating is 10.15

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