

DEVELOPING YOUNG LEARNERS' CREATIVE THINKING

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**Annotation:** *In this article, students' free thinking, worldview expansion, a different, comprehensive approach to a problem is positive information on finding solutions is provided*

**Key words:** *concept of creativity, thinking, outlook, explanation, ability, creativity*

### Introduction

The engine of the world's fourth industrial civilization - the driving force is CREATIVITY. First of all, what does the word creative mean? The word "creative" was first used in 1922. It was used by the American scientist D. Simpson. Creativity (lat. creatio – to create, to create) - this is a person's ability to give unusual ideas, thoughts, problems to find an original, unrepeatable solution, to abandon traditional ways of thinking is the ability to take a night. Did this word exist in our language before the term creative entered our language? Of course, it happened, but we did not pay much attention to it, that is, the word creative instead we used unusual, unconventional words. However, the word creative today's meaning is the same unusual, non-traditional meanings. Before teaching primary school students to think creatively, they First of all, the teacher should be creative. That's all can teach students to think creatively. If the teacher has such things if not, it is inappropriate to demand from students.

### DISCUSSION AND RESULTS

What comes through creativity: e-services, 3D printer, virtual reality, square watermelons seem simple to all of us, like harvesting without soil a number of inventions, that is, all these are the result of human thought, human imagination, is a product of human creativity. The human brain usually does its job from certain templates and stereotypes for relief, convenience uses As a result, it is wrapped in a shell and falls into a mold. What is it for? First of all, we need to break stereotypes and get rid of stereotypes. Think about it, among all the great people we know, there are such people there are these: Thomas Edison, Albert Einstein or Dmitri Mendeleev this list too many to go on. To their grades in school it was not worthwhile, but they had a talent, that is, they were creative, were creative people, that's why Thomas Edison, Albert Einstein, Dmitri Mendeleev to the kings of his profession, and some to the Nobel Prize became prize winners.

What is creative thinking? Expressing students' imaginations in an effective way, to gain knowledge encouraging, original and effective solution-oriented ideas

the competence of formation, assessment and improvement. In addition, the creation of ideas by students, in relation to new ideas expressing their relations and creating ideas

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until the expected result is reached its continuation also indicates creative thinking. Importance of innate ability of students in PISA tests it is great for its changing abilities that allow for reduced and creative thinking attention is drawn. Now let's talk about two types of thinking, the first is critical thinking and creative thinking. What are their differences and to each other in what aspects we can see the connection. To problems or situations in creative thinking new unusual solutions are created. When a person is creative or thinking creatively, he makes a list of new ideas. Exactly When you think creatively, you also create a list of new ideas for yourself. Regarding problems or situations to draw conclusions in critical thinking

the evidence is analyzed. When you think critically, you make decisions.

So how to teach students to think creatively?

What changes in thinking are necessary to create innovation?

First of all, to suggest problematic situations and issues and solve them should be encouraged. And then, self-confidence in creativity, curiosity and stimulating research. Personal and social factors affecting creativity in a positive way it will be necessary to direct. What are the principles of assessment of creative thinking in the framework of Pisa studies? consists of? Students' creative thinking within the framework of the Pisa assessment platform check tests are used. The real world fully covers students' creative thinking skills reflects the idea of Be creative by encouraging students to work in more than one activity area weaknesses and strengths in the development of thinking skills are examined. Assessment methods are creative thinking that students can master demonstrates skills. The assessment of creative thinking in the Pisa assessment program is based on the following two aspects direction: creative expression and creative problem solving. Creative expression - expressing one's inner world to others through creative thinking is considered to be delivered. Creative expression comes in two forms.

1) The field of written expression is a natural means of expressing creative excellence development of students' mental and communication skills important for

2) The field of visual expression - in the expression of creative thinking skills students think using media, materials and processes opinions and experiences are discovered, tested and shared with others sees. Creative problem solving requires a more functional approach.

Problem - thinking - solution. Students should be able to think freely, many questions to encourage them by answering their questions fully, clearly and fluently, and that's it it is necessary to support the custom. When does a child ask questions? When a child when he starts to think, he asks a question. Organization of independent activities by children it is necessary to create an opportunity for mutual between the teacher and the student if there is cooperation, free thinking occurs in the students.

### Summary

Creativity cannot be achieved by repeating the given knowledge, i.e. when a child thinks creatively, then a new thought, a new idea appears. For example, if you memorize English words and "drink" the grammar if you can't write an essay or a thesis, it's all

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useless. Hence creative thinking imagination plays an important role in the process. Albert Einstein "imagination is more important than knowledge"

This is exactly what he meant when he said. Albert Einstein, Isaac Newton and such people reach the level of science and benefit people only invented discoveries. Because they rest their brains at what time they knew it would work well at the time, and moved away from uniformity.

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