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DEVELOPING STUDENTS' CREATIVE THINKING SKILLS IN THE PROCESS OF TRANSFORMING HIGHER PEDAGOGICAL EDUCATION

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Abstract
This article discusses numerous challenges faced by higher pedagogical education that require new teaching approaches. One of the main directions is the development of creative thinking skills in students. Creative thinking not only helps future educators effectively solve emerging problems but also facilitates the implementation of innovative teaching methods that promote deeper and more sustainable knowledge acquisition.

Keywords: Creativity, creative thinking, innovative thinking, qualification, skill, knowledge, competence, component, interactive, integration.

Introduction

Modern pedagogical higher education faces many challenges that require new approaches to teaching. One of the main directions is the development of creative thinking skills in students. Creative thinking will enable future teachers not only to effectively solve emerging problems, but also to introduce innovative teaching methods that will help students acquire knowledge more deeply and consistently. The scientific and methodological foundations of developing creative thinking in pedagogical education include several important components. First, the use of interactive and problem-oriented teaching methods. Traditional lectures and seminars are increasingly being supplemented by methods that require the active participation of a large number of students, such as project learning, case studies, and group work. These methods encourage students to seek information independently and develop non-standard solutions.

Secondly, special attention is paid to the formation of a creative environment in the educational process. To do this, teachers should create conditions for the free

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exchange of ideas and encourage innovative thinking. One of the effective methods is to implement creative tasks and projects that require students to use a creative approach in solving educational problems.

The third important component is the integration of technology into the learning process. Modern digital tools and platforms create vast opportunities for the development of creative thinking. Virtual labs, simulations, interactive curricula, and other technologies allow students to conduct experiments, model various situations, and analyze their results, which helps develop creative thinking.

The fourth aspect is an interdisciplinary approach to learning. Combining knowledge from different fields of science and art helps to form a broader perspective in solving problems and encourages creative thinking.

It is important that students have the opportunity to interact with representatives of different disciplines and work on joint projects, which allows them to develop interdisciplinary skills and find non-standard solutions .

It is important to emphasize the role of motivation and self-esteem in the development of creative thinking. Students should be encouraged to seek knowledge independently and develop their creative abilities. This requires forming a positive attitude towards mistakes and failures, considering them part of the learning process and an opportunity for growth. Teachers should support students, encourage their initiatives and help them to be aware of their achievements. In the process of pedagogical transformation of higher education, the development of creative thinking skills in students requires a comprehensive approach. It is important to take into account all the components of the list and include them in the educational process. Only then can conditions be created for the formation of future teachers who can effectively solve modern educational problems and contribute to the development of innovative education.

The issue of developing creative thinking skills in students in the process of transforming pedagogical higher education is an urgent and important task of modern pedagogy. In the conditions of a rapidly changing world and the information society, creative thinking skills become the main competencies necessary for future teachers for successful professional activity and adaptation to new educational problems . The scientific and methodological foundations of the development of creative thinking include several important aspects. First of all, this is the development and implementation of innovative educational technologies and teaching methods that help activate the intellectual activity of

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students. It is important to use problem-oriented approaches, projects and research activities that stimulate creative thinking and allow students to find non-standard solutions. Creating a conducive learning environment that supports and encourages creativity also plays an important role. In such an environment, opportunities should be created for independent work, experimentation, discussion, and exchange of ideas. It is important that students feel free to express their ideas and thoughts without fear of criticism and mistakes. This helps to build students ' confidence in their abilities and a willingness to seek new paths and solutions .

Presentations on the development of creative thinking should include various forms and methods of working with students. These can be interactive lectures, seminars, master classes, creative laboratories and quests. Particular attention should be paid to group work, in which students learn to communicate with each other, discuss ideas and solve problems together. Group projects and collaborative research help develop collaboration and communication skills, which are essential components of creative thinking. Teachers need to embrace and embrace new educational technologies such as digital platforms, multimedia resources, and virtual and augmented reality. These technologies not only make the learning process more interesting, but also create opportunities for students' creative activity. In addition, it is important to involve students in creating their own educational products that stimulate their initiative and creativity.

To successfully develop creative thinking, it is necessary to take into account the individual characteristics of students. It is important to identify and support their interests, abilities and talents, and create conditions for their implementation . Personalizing education allows for the more effective development of the creativity of each student. Thus, in the process of transforming pedagogical higher education, developing creative thinking skills in students requires a comprehensive approach that includes the use of innovative technologies, creating a favorable learning environment, using various working methods and forms, as well as individualizing learning. These scientific and methodological foundations allow us to prepare teachers who will be able to think creatively and successfully engage in professional activity in the modern world. plays a role, because it helps students find new solutions, be creative and solve problems. The pedagogical system of higher education must be constantly updated and adapted to modern requirements. Along with traditional teaching methods, it is necessary

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to introduce innovative pedagogical approaches and methods. To develop creative thinking, students must have opportunities for self-expression, collaboration, and independent thinking. This requires significant changes in curricula and teaching methods.

One of the main ways to develop students' creative thinking skills is through interactive and creative activities. These activities encourage students to think logically and analytically, and also help them generate new ideas. For example, activities such as analyzing problem situations, working in groups, and creating creative projects teach students to be creative. Another important aspect is the use of digital technologies in the development of creative thinking. Modern educational technologies encourage students to acquire new knowledge and skills through virtual laboratories and other interactive tools. This, in turn, greatly contributes to the development of creative thinking. Another factor that plays an important role in developing students' creative thinking skills is the availability of qualified teachers. Teachers need to adopt modern teaching methods and encourage students to think creatively. For this, it is necessary to involve teachers in continuous professional development courses and trainings. In addition , a motivation and incentive system should be introduced to encourage students to think creatively. Support and encourage students to develop creative approaches and new ideas. This, in turn, helps them achieve high results in their studies. This process helps students acquire the knowledge and skills necessary for success in the modern world. For this reason, it is important to support innovative approaches and modern methods in the education system, train qualified teachers, and motivate students.

The development of students' creative thinking skills is of great importance in the pedagogical higher education system. These skills play a major role in improving the quality of education in the process of preparing specialists who meet modern requirements. Creative thinking is the ability to discover new approaches and solve problems in unconventional ways, which is of great importance in the future professional activities of students. First of all, developing creative thinking skills prepares students for the rapid changes of the modern world. When innovative technologies and a stream of new knowledge are introduced into pedagogical processes, students must quickly accept and adapt to innovations. The role of creative thinking in this process is invaluable, because this skill increases students' ability to adapt to innovations.

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Secondly, creative thinking encourages students to solve problems independently. In pedagogical higher education, students are often given theoretical knowledge, but they do not have enough experience in applying it in practice. Developing creative thinking skills eliminates this deficiency. Students learn to independently develop new ideas and solve problems with their own unique approaches. This helps them develop into independent and creative professionals in the future.

In addition , creative thinking contributes to the personal development of students . Creativity is important not only in professional life , but also in everyday life . Through the development of their creative abilities , students gain self - confidence , increase stress tolerance , and make effective decisions in complex situations . takes Pedagogical methods and approaches play an important role in the development of creative thinking skills . For example , analysis of critical situations , project methods , interactive lessons , and social activities encourage students to think in a new way .These methods activate students and stimulate their creative thinking.

By developing creative thinking skills in pedagogical higher education institutions, students acquire not only theoretical knowledge, but also practical skills. This creates a basis for their success in their future professional activities. For this reason, the development of creative thinking skills in the higher education system is an urgent issue. This contributes to the all-round development of students, their growth as independent and creative individuals. Enriching pedagogical processes with creative approaches is an important factor in improving the quality of education.

While addressing the process of developing students' creative thinking in a higher education institution remains a pedagogical problem, the necessary conditions exist to solve it.

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