

ABSTRACT

to the dissertation thesis submitted by Kydyrova Saltanat Rashidovna for a degree of Doctor of Philosophy (PhD) on "Psychological and pedagogical conditions for the development of creative thinking of students" in specialty 6D010300 - Pedagogy and psychology

The relevance of the research. In the context of Kazakhstan's entry into the thirty best countries of the world and into the community of highly educated countries of the world, in the course of modern civilizational transformations, there is a need for the spiritual, creative development of a competitive personality, which acquires the status of social demand of the modern era.

From this point of view, the orientation towards actualizing the role of education in the development of human capital, the intellectual potential of the nation, the preservation of the spiritual, moral and cultural values of society is reflected in the annual messages of N.A. Nazarbayev to the people of Kazakhstan. At the same time, the article of the Head of State "Looking into the future: modernization of public consciousness", published on April 12, 2017, emphasizes the need to study the development of student's creative thinking, taking into account that "the concept of national modernization means the maturity of national consciousness," national traditions, language and music, literature, in a word, the national spirit must be immortalized "among the people of Kazakhstan.

After all, the level of creative development of the individual contributes to value orientations, culture, and norms of professional activity. In the conditions of the prevalence of creative-oriented information, a person has to master a number of "personal foundations." Assistance in the formation and development of such a "foundation" is one of the most important tasks of the university.

Therefore, the main goal of the state program for the development of education and science of the Republic of Kazakhstan for 2020-2025 is "to increase the global competitiveness of Kazakhstani education and science; attaching importance to universal human values in the process of training and education of the individual; increasing the contribution of science to the country's economy".

The Address of the President of the Republic of Kazakhstan K. Tokayev to the people of Kazakhstan "constructive public dialogue is the basis of stability and prosperity in Kazakhstan" (September 2, 2019) states that, along with the high professional competence of pedagogical specialists, it is necessary to see a teacher with comprehensive knowledge in the field of pedagogy who know the meaning, focused on constant self-improvement, with a rich inner world, a creative personality, whose professional skill is combined with skill in methodological work and disseminates the results of research work.

After all, only a professionally qualified and creative teacher can form a competitive generation.

A special requirement is the development of the creative abilities of future teachers to solve the **contradictions** of the modern and world level, urgent problems at the level of the new national model of education. Indeed, from century to century, without losing its significance, a work of art that raises an urgent

problem caused by the social and spiritual requirements of the time, gives an idea of artistic phenomena and various trends, preserves their inner unity and consonance, and contributes to the deepening of the theoretical knowledge of the student. This implies the need to present students with a new educational methodology in understanding the complex basis of creativity, in the study of its advanced experience. This requires the consideration of new approaches towards the preparation of creative thinking of students, including future teachers. The development of creative thinking is the basis for the formation of a competitive personality; this means that it is best, **firstly**, to form a creative personality from school, and **thirdly (secondly?)**, the need for the development of creative thinking of the future teacher increases, which will have a priority influence on the creative development of children.

Therefore, in pedagogical universities, much attention is paid to the development of students' creative thinking.

The problem of the teacher's creative development was reflected in the works of Kazakh enlighteners such as Ch. Valikhanov, Y. Altynsarin, A. Kunanbaev, T. Tazhibayev, Zh. , starting with the philosopher of the white East Kun Fuzi, ancient philosophers as Plato, Aristotle, Socrates, thinkers of the Middle ages such as Al-Farabi, A. Iugineki, J. Balasaguni, K. Yassau.

That as well was showed by the analysis of scientific works recently completed in the CIS and Kazakhstan, theory and practice of professional training of future teachers (V.V. Kraevsky, V.A. Slastenin, V. Kuzmina, N.D. Khmel, S.Zh. Praliyev, Sh. Taubaeva, A. P. Seyteshev, G. Zh. Menlibekova, M. S. Moldabekova, S. S. Mausymbayev, A. A. Zhaitapova, G. T. Khairulin, O. U. Musabekov and others ..); general problems of creativity (I. Ya.Lerner, Ya.A. Ponomarev, D. B. Bogoyavlenskaya, B. D. Elkonin, V. V. Davydov, etc.), structure and types of creative abilities (P. Ya. Gal'perin, A. N. Leontiev, S. L. Rubinshtein, A. N. Lyuk and others) the connection of giftedness and abilities with creativity (B. M. Teplov, L. S. Vygotsky, V. A. Krutetsky, A. M. Matyushkin, V.A.Molyako and others), Features of student creativity (V.A. Sukhomlinsky, E. A. Akopyan, A. E. Abylkassymova, M. A. Kudaykulov, K. G. Kozhabayev, R. S. Omarova and others), pedagogical creativity of teachers (V.A.Kan-Kalik, N.D. Nikandrov, Abdigapbarova U.M., Turgunbayeva B.A. and others), self-education, self-development (Almurzaeva B.K., Sagautdinova G.S., S. Hollands, D. B. Moriss, etc.).

Within the framework of this study, a number of works by Kazakhstani scientists are of great interest. The psychological structure of the learning process and the development of a creative intellectual personality (Zhakupov S.M., Namazbayeva Zh.Y.), the influence of ethnopsychological concepts on the development of intelligence and self-esteem of a person (Ayaganova A. Zh.) [24], pedagogical conditions for the formation of creative qualities future specialists in universities (Osmanova A.B., Shvaikovsky A.S., Nurzhanova S.A., Kadirbayeva R.I., Omarova R.S.), development of the educational environment for profile education in the context of intellectualization of education (Kunakova, K.U.), etc. are to be called the studies under consideration.

Also in PhD dissertations in recent years, close to our research, the issues of the development of the intellectual potential of future educational psychologists (Kenzhebaeva B.T.), the pedagogical conditions for the development of the intellect of students in special military schools (Ashirbaeva N.N.), intellectual development students by means of national music (Zhankul Tamaraasar), the development of independent activity of educational subjects (K. Kuanzhanova), the development of the giftedness of students (A. Turalbaeva), etc. However, even in these works, the psychological and pedagogical conditions for the development of students' creative thinking were not included in an independent subject of research.

Thus, the analysis of the works of the above scientists shows that the problem under consideration was not previously purposefully studied in pedagogical science. Also, based on the analysis of the relevance of the problem, it was noted that there are contradictions between the demand of society in the development of creative thinking of students in higher educational institutions and its theoretical and practical justification in pedagogical science:

- a) between the demand of society for the development of creative thinking of students in the context of the spiritual modernization of Kazakhstan and its incomplete implementation in practice;
- b) between the need to develop students' creative thinking in higher educational institutions and insufficient study of its theoretical foundations;
- c) between the need to determine the psychological and pedagogical conditions for the development of creative thinking of students and the need to study their theoretical, methodological foundations;
- d) between the breadth of university opportunities and the lack of elaboration of the methodology for their realization in the implementation of psychological and pedagogical conditions for the development of students' creative thinking.

These identified contradictions are determined by the need to find out the psychological and pedagogical conditions for the development of students' creative thinking in determining the research problem and the need for its implementation in practice. Thus, the relevance of the research **topic "psychological and pedagogical conditions for the development of students' creative thinking"** is obvious.

The purpose of the research is to identify the theoretical foundations and psychological and pedagogical conditions for the development of creative thinking of students, to develop a methodology for its implementation, to check the effectiveness in experimental activities.

Object of research: is the educational process in higher pedagogical educational institutions.

Subject of research: is psychological and pedagogical conditions for the development of creative thinking of students.

Research forecast - if the essence of the development of students' creative thinking is determined, a model is developed, psychological and pedagogical conditions are determined, a methodology is developed and it contains software and content (program of an elective course, a system of cultural situations, scientific and methodological guidelines for step-by-step development) and

introduced into practice , then it is possible to increase the level of creative thinking of students, since the subjectivity in creative activity, the subjectivity of interaction; tasks and training exercises for solving the system of cultural situations on the basis of problem-activity learning contribute to the development of their intellectual activity, the deepening of logical thinking, the growth of intelligence.

Research objectives

- to reveal the essence of the development of students' creative thinking;
- development of a structurally meaningful model for the development of students' creative thinking;
- determination of psychological and pedagogical conditions for the development of creative thinking of students;
- to develop a methodology for the development of students' creative thinking and test its effectiveness in an experiment.

Research methods: theoretical analysis of philosophical, psychological and pedagogical literature on the research problem; content analysis, modeling, theoretical justification, familiarization with the regulatory legal documents of the education sector of the Republic of Kazakhstan; analysis of best practices; generalization, analysis of performance results; questionnaires, tests, diagnostic techniques, statistical processing; methods and techniques of generalization.

The theoretical and methodological foundations of the research are the theory of personality, the principles of personality development, the theory of cognition and activity, the principles and methods of systemic communication, psychological concepts of activity and personality-oriented relations, dialectical knowledge; principles in the higher education system; theoretical conclusions about creativity, creative thinking, creativity, the development of creative thinking of the individual.

Sources of research: works of philosophers, sociologists, psychologists and educators; official materials of the Government of the Republic of Kazakhstan, regulatory documents and educational complexes of the Ministry of Education and Science on higher education (concepts, standards, common study program, etc.); scientific achievements and advanced experience of foreign and Kazakh teachers; scientific periodicals; pedagogical and research experience of the author.

Research stages:

The research work was carried out in accordance with 3 stages.

Stage 1 (2016-2017) - the material on the problem under consideration was summarized, the analysis was carried out, systematized, the scientific apparatus was determined, the advanced experience of teachers of universities, schools was collected and summarized, a program of experimental work was prepared.

Stage 2 (2017-2018) - materials on the development of students' creative thinking, used in the educational environment of the university, were selected, a structural and meaningful model of this development was put together, psychological and pedagogical conditions were determined. The program was developed and the content of the elective course was compiled. A methodology for their use in the educational process was developed, a system of cultural situations, scientific and methodological recommendations for systematic development were

carried out. Experimental work was performed, intermediate sections were obtained.

Stage 3 (2018-2019) - the analysis and processing of the final results obtained in the course of the experimental work was carried out, the dissertation research was completed in accordance with the requirements.

Research base: Khalel Dosmukhamedov Atyrau University, S. Baishev Aktobe University

Scientific novelty and theoretical significance of the research:

- the essence of the development of students' creative thinking was determined;
- a structural-content model for the development of students' creative thinking was developed;
- psychological and pedagogical conditions for the development of students' creative thinking was determined;
- a methodology for the development of students' creative thinking was developed and its effectiveness was tested in an experiment.

The practical significance of the study:

- developed a methodology for diagnosing and assessing the level of development of creative thinking of students;
- developed a methodology for the development of creative thinking of students;
- Elective course "development of creative thinking of students", a system of cultural situations, scientific and methodological instructions for the systematic development of creative thinking, the effectiveness of which has been tested in practice;
- the results obtained in the course of the research work and the specific scientific and methodological recommendations prepared on their basis, the research materials can be used in the educational process of pedagogical universities, colleges, secondary schools, in refresher courses and in the system of retraining of teachers.

Provisions for Defense:

"Thinking is a mental component realized in the cognitive activity of a person. The main meaning of the concept of thinking and creativity is that they are manifested in cognitive, that is, mental activity, and both are realized through intellectual activity. Therefore, we conclude that creativity is a process of searching for something new, and "creative thinking is a process of searching for something new with intellectual activity, constructive independence at the level of motivation, heuristic, creativity. The student's creative thinking is his motivation to use logical operations and heuristic, creative approaches in solving problems, searching for a new, integrated quality of intellectual activity and self-constructive activity.

- the process of development of students' creative thinking presupposes the unity of motivational-value, intellectual-cognitive, activity-reflexive components, corresponding criteria and indicators;
- the development of student's creative thinking is carried out on the basis of continuous monitoring and interaction of all its participants, covering all components of the educational process of the university;

- the development of students' creative thinking is ensured by the observance of the following psychological and pedagogical conditions: provision of subjective, intersubjective interaction of students in creative activity; creation of discipline lessons on the basis of problem-activity learning, effective use of pedagogical tools.

Approval of research results:

The main conclusions, theoretical and practical results of the research work have been discussed at international conferences:

- "Pedagogical and psychological foundations of the development of a creative personality among students" // IV international scientific and methodological conference "Creative World" (Almaty, 2017);
- International scientific and practical conference "Features of the development of creative thinking among students" // "The Europe and the Turkic World: Science, Engineering and Technology" (Alania, 2018);
- IV International Scientific and Practical Conference "Pedagogical foundations for the development of creative thinking in students" // "GLOBAL SCIENCE AND INNOVATIONS 2019: CENTRAL ASIA" (Astana, 2019);

Publications: The content of the dissertation is published in eight published works. Of these, three are in publications recommended by the Committee for Control in Education and Science, two are in publications included in the Scopus database, three are in materials of international conferences (of which one is foreign).

The reliability, approval, implementation of the research results into practice were ensured by the use of specific methods and techniques in accordance with the objectives of the research, based on the principles in philosophical, sociological, psychological and pedagogical works devoted to the development of students' creative thinking; statistical processing of data obtained as a result of experimental work, and the presentation of recommendations based on the results of the analysis of the data obtained.

The structure and content of the dissertation work: The thesis consists of normative references, definitions, an introduction, three chapters and a conclusion, a list of references, applications.