

# **8D01301 – "Pedagogy and Methods of Primary Education".**

**specialty**

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**Abstract**

of the dissertation titled

«Preparing future primary school teachers for professional and creative activity»

**Research Topic:** Preparing future primary school teachers for professional and creative activity

**Research Objective:** To formulate the theoretical foundations of preparing future primary school teachers for professional and creative activity, to develop a methodological system for such preparation, and to test its effectiveness through a pedagogical experiment..

**Research Tasks:**

- to clarify the essence and structure of the concept of «professional and creative activity of future primary school teachers»;
- to identify the possibilities of preparing future primary school teachers for professional and creative activity;
- to design a structural-content model for preparing future primary school teachers for professional and creative activity;
- to develop a system for preparing future primary school teachers for professional and creative activity, test its effectiveness through experimental work, and provide scientifically grounded recommendations.

**Research Methods:**

Theoretical methods (analysis, synthesis, comparison, clarification, and forecasting of results based on the study of psychological, pedagogical, and scientific-theoretical literature, university experience, regulatory and educational-methodological documentation);

Empirical methods (questionnaires, observation, diagnostics, experimental work);

Statistical methods (mathematical and statistical processing of the obtained data, graphical presentation of results, expert evaluation).

**Key Provisions Proposed for Defense:**

1 The professional and creative activity of a primary school teacher is a type of pedagogical activity aimed at improving the process of primary education, which results in the creation of spiritual and material objects possessing objective novelty and social significance. It is characterized by a broad scope of consciousness, opportunities for creative self-expression, abilities of management and self-management, rapid processing of large volumes of information, and a tendency toward self-improvement. Preparing future primary school teachers for professional and creative activity is a purposeful process of forming a comprehensive set of knowledge and skills associated with the search and implementation of pedagogical innovations, best practices, and modern technologies that foster personal creativity and contribute to enhancing the quality

of primary education.

2 Preparation of future primary school teachers for professional and creative activity is ensured through the following opportunities 1) possessing advanced knowledge of the theoretical foundations of primary education; 2) understanding the general theoretical foundations of creativity in pedagogical activity; 3) mastering modern methodologies and technologies for organizing and implementing the creative process in schools; 4) being able to plan, implement, and evaluate professional and creative activity, and apply it in practice.

3 The structural and content model of preparing future primary school teachers for professional and creative activity serves as the theoretical and methodological basis for achieving the final outcome. It defines the components and indicators of readiness for professional and creative activity and encompasses motivational-personal, cognitive-content, operational-technological, and evaluative-reflective components. This structural and content model can serve as a scientifically grounded methodological guide in preparing future primary school teachers for professional and creative activity, as well as in updating the activities of higher pedagogical institutions in solving theoretical and practical tasks.

4 The preparation of future primary school teachers for professional and creative activity in the educational process of higher education institutions is carried out through the implementation of a methodological system that involves the use of educational technologies and includes the teaching and methodological complex “Professional and Creative Activity of Primary School Teachers”, the textbook “Professional and Creative Activity of Primary School Teachers”, and the “Collection of Creative Tasks”.

### **Description of the Main Research Results:**

- the essence and structure of the concept of «professional and creative activity of future primary school teachers» were revealed and clarified;
- the opportunities for preparing future primary school teachers for professional and creative activity were identified;
- a structural and content model for preparing future primary school teachers for professional and creative activity has been developed;
- a methodological system for preparing future primary school teachers for professional and creative activity was designed, and the effectiveness of the Teaching and Methodological Complex «Professional and Creative Activity of Primary School Teachers», the Textbook «Professional and Creative Activity of Primary School Teachers», and the Collection of Creative Tasks aimed at this preparation was tested in experimental work, with scientifically substantiated recommendations provided.

### **Justification of the Novelty and Significance of the Results:**

- *the first result is novel.* Through the analysis of psychological, pedagogical, and scientific-methodological works, and by conducting an expert examination of categorical key concepts, the essence and structure of the terms «creativity», «professional creativity», «professional and creative activity», «professional and creative activity of future primary school teachers», and «preparation of future primary school teachers for professional and creative activity» were revealed and

clarified.

- *the second result is novel.* The pedagogical opportunities for preparing future primary school teachers for professional and creative activity were identified, namely 1) possessing advanced knowledge of the theoretical foundations of primary education; 2) understanding the general theoretical foundations of creativity in pedagogical activity; 3) mastering modern methods and technologies of organizing and implementing the creative process in schools; 4) being able to plan, implement, and evaluate professional and creative activity, and apply it in practice.

- *third new result is novel.* In the course of the research, the components, criteria, and indicators of preparing future primary school teachers for professional and creative activity were theoretically determined, its high, medium, and low levels were identified, and a structural-content model was developed;

- *the fourth result is novel.* A system for preparing future primary school teachers for professional and creative activity was designed — including the Teaching and Methodological Complex «Professional and Creative Activity of Primary School Teachers», the Textbook «Professional and Creative Activity of Primary School Teachers», and the Collection of Creative Tasks — and its effectiveness was substantiated through experimental work.

#### **Practical Significance of the Research:**

- the developed program of the elective course “Professional and Creative Activity of Primary School Teachers” was introduced into practice;

- a system for preparing future primary school teachers for professional and creative activity was designed and tested in practice;

- the research results can be applied in the educational process of higher and secondary professional pedagogical institutions, as well as in the system of advanced training and retraining of primary school teachers.

#### **Compliance of the Research with the Directions of Scientific Development or State Programs:**

The main regulatory and legal documents governing the development of the education sector in the Republic of Kazakhstan — the Law of the Republic of Kazakhstan "On Education," the State Compulsory Standard of Higher Education, the State Program for the Development of Education and Science of the Republic of Kazakhstan for 2023–2029, the Law "On the Status of a Teacher," as well as the Concept for the Development of Preschool, Secondary, Technical, and Vocational Education in the Republic of Kazakhstan for 2023–2029 — emphasize the need to address problems related to the insufficient level of professional competencies of teachers, emotional intelligence, research skills, critical thinking, time management, and other abilities that play a key role in their professional and creative activity.

Thus, the processes of education system development in Kazakhstan view the improvement of future teachers' preparation for professional and creative activity as an important task. These documents define the enhancement of teachers' professional competence and the improvement of educational content as priority areas in the training of competitive specialists.

The content of the elective course program “Professional and Creative Activity of a Primary School Teacher” and the educational-methodological manual of the same title aligns with the directions for the development of primary education and science.

### **Description of the Doctoral Candidate's Contribution to Each Publication:**

Based on the results of the research, 13 scientific papers have been published. Within the framework of the study, the following 13 publications were made:

*1. Publication included in Scopus database:* 1) The Effect of Primary School Teachers Using Online Education on Their Professional Creativity // Review of Journal of Cognitive Research in Science, Engineering and Education (IJCRSEE). – 2024. - 12(1) – pp. 19-29. This article examines the experience of primary school teachers using online education tools and studies its role in developing professional creativity. The research results show that online teaching enhances teachers’ innovative thinking and increases the effectiveness of their professional activity. The doctoral student contributed 75% to the article. (Co-authors: Huseyin Uzunboylu – 10%, Gulnar Zholtayeva – 10%, Ulzharkyn Abdigapbarova – 5%)

*2. Articles published in journals recommended by the Committee for Quality Assurance in the Field of Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan – 4 articles:* 1) Бастауыш сынып мұғалімінің қашықтықтан оқыту жағдайындағы шығармашылық іс-әрекеті. – Абай атындағы Қазақ ұлттық педагогикалық университетінің хабаршысы. «Педагогика және психология ғылымдары» сериясы. – 2023. - №1(54). - 224-236 бб. This article analyzes the features of primary school teachers’ creative activity in distance learning conditions and ways to improve it. The impact of digital technologies on developing creativity in enhancing teachers’ professional mastery is highlighted. The doctoral student contributed 35% to the article. (Co-authors: D.M. Sarsekulova – 45%, G.N. Zholtayeva – 10%, G.S. Mailybayeva – 10%);

2) Creativity as a Component of Professional Activity of Elementary School Teachers. – Bulletin of Abai Kazakh National Pedagogical University. Series: Pedagogy and Psychology. – 2023. - №2(55). – pp. 204-214. The article considers the role and significance of creativity in the professional activity of primary school teachers. The doctoral student contributed 75% to the article. (Co-authors: G.N. Zholtayeva – 10%, H. Uzunboylu – 10%, D.M. Sarsekulova – 5%);

3) Болашақ бастауыш сынып мұғалімдерін кәсіби-шығармашылық іс-әрекетке даярлаудың алғышарттары. - Л.Н. Гумилев атындағы Еуразия ұлттық университетінің Хабаршысы: Педагогика .Психология. Әлеуметтану сериясы. - 2023. - №3(144). -24-36 бб. This article examines the theoretical and practical prerequisites for preparing future primary school teachers for professional-creative activity. Effective mechanisms for developing creativity in the educational process are proposed. The doctoral student contributed 80% to the article. (Co-authors: G.N. Zholtayeva – 15%, A.B. Abukhanova – 5%);

4) Contents and Organization Aspects of Preparing Future Elementary School Teachers for Professional-Creative Activities. – Bulletin of Abai Kazakh National Pedagogical University. Series: Pedagogy and Psychology. – 2024. - №2(59). – pp. 115-125. The article examines the content and organizational aspects of preparing future primary school teachers for professional-creative activity. The research results identify ways to improve the educational process aimed at developing teachers' professional creativity. The doctoral student contributed 70% to the article. (Co-authors: Huseyin Uzunboylu – 10%, Gulnar Zholtayeva – 10%, Ulzharkyn Abdigapbarova – 10%).

3. *Textbook:*

1) Бастауыш сынып мұғалімдерінің кәсіби-шығармашылық іс-әрекеті. – Талдықорған, 2024. – 195 б. The doctoral student contributed 70% to the teaching material. (Co-author: G.N. Zholtayeva – 30%)

4. *Articles published in international and national editions – 8 publications:*

1) «Сущность понятий «творчество» и «творческая деятельность учителя»: Вестник ЖУ. №3 (104). -2022. 209-215 бб. This article reveals the meaning of the concepts “creativity” and “teacher’s creative activity” and analyzes their theoretical foundations in pedagogical science. The doctoral student contributed 80% to the article. (Co-authors: H. Uzunboylu – 10%, G.N. Zholtayeva – 10%)

2) «Стратегии подготовки профессионального творчества. //Материалы международного форума «Актуальные проблемы науки и образования», посвященного 300-летию Российской академии наук. - Екатеринбург 2022 . - С. 469-478. This article examines strategies for forming and developing professional creativity and proposes effective methods for training future teachers. The importance of combining professional skills and creative abilities is highlighted. The doctoral student contributed 100% to the article.

3) Педагогикалық шығармашылықтың маңызы – Профессор А.А.Молдажанованы еске алуға арналған «XXI ғасырдағы педагогикалық білім беру: басымдықтар мен ізденістер» тақырыбындағы Халықаралық ғылыми-практикалық конференция. Астана, 7 қазан, 2022. 170-175 бб. The article discusses the theoretical foundations and practical significance of pedagogical creativity, emphasizing its role in teachers' professional development in the 21st century. The doctoral student contributed 100% to the article.

4) Бастауыш сынып мұғалімінің кәсіби шығармашылығының ерекшеліктері. Университеттің 50 жылдығына арналған «Болашақ ұрпағы: ғылым мен білімнің тәжірибесі мен болашағы» атты халықаралық ғылыми-тәжірибелік конференция.-Талдықорған, 21 қазан 2022 ж. 69-74 бб. The article examines the features of primary school teachers' professional creativity and its role in pedagogical activity. Ways to enhance teachers' professional competence through creativity development are discussed. The doctoral student contributed 100% to the article.

5) The Structure and Formation of Creative Competence of an Elementary

School Teacher. – 9th Global Conference on Contemporary Problems in Education (GLOBE-EDU 2022), Almaty, October 6-7, 2022. – pp. 13-14. This article analyzes the structure and methods of developing creative competence in primary school teachers. The doctoral student contributed 100% to the article.

6) Бастауыш сынып мұғалімінің шығармашылық құзыреттілігін қалыптастыруда жас ерекшелігінің маңызы. - Ұлт ұстазы А.Байтұрсынұлының туғанына 150 жыл толуына орай «Ахмет Байтұрсынұлының педагогикалық мұрасы, заманауи білім мәселелері: бүгін мен болашағы» атты халықаралық ғылыми-практикалық конференция материалдары. 25 қараша 2022. 573-578 бб. The article discusses the role and importance of age in forming creative competence in primary school teachers. The doctoral student contributed 100% to the article.

7) Развитие творческих способностей младших школьников на уроках музыки.- Материалы III Международной научно-практической интернет-конференции «Проблеми та перспективи розвитку сучасної науки в країнах Євразії» // Збірник наукових праць. – Переяслав - С. 2023. – 28 -31. The article examines ways to develop creativity in primary school students through music lessons. The doctoral student contributed 100% to the article.

8) Characteristics of Professional Creativity of Primary Class Teachers. – Innovative Scientific Research, V International Scientific Conference. – Toronto, Canada, July 20-21, 2023. – pp. 48-52. The article analyzes the features and main characteristics of professional creativity in primary school teachers. The doctoral student contributed 100% to the article.