

REFEREE REPORT

Of foreign scientific advisor for the dissertation work of Mamytbayeva Zhanat Abdymanapovna on the theme: " Development of research activities of teachers of future preschool organizations through design and teaching technology " (PhD) in the specialty 8D012 "Pedagogy of preschool education and training"(6D010100 - Preschool education and training)

Nowadays, the development of creative, communicative, searching and research abilities of teachers of future preschool organizations is one of the urgent issues. In this regard, Zh.A. Mamytbaeva 's scientific dissertation on the theme "Development of research activities of teachers of future preschool organizations through design and teaching technology" is a scientific work that is being studied in a timely manner. It is necessary to develop research activities of teachers of future preschool organizations through design and teaching technologies. Research activity is considered as a component of professional training of future teachers. Through the development of the research activity of preschool teachers, we will develop the creative thinking ability, decision-making, personality development, inquisitiveness, ability to work in a group of future specialists in the content of this research work. The research consists of three parts.

The first part "Theoretical - methodological development of research activities of teachers of future preschool organizations through design and teaching technology. Theoretical analyzes of the scientific works of domestic and foreign research scientists in this field were made on the issue called "fundamentals".

Modeling the process of development of the research activities of future preschool teachers through the design and teaching technology" the current situation, methods and structural and content model of the development of the research activities of the future specialist through the design and teaching technologies are compiled.

The third part is called "Content of practical and experimental work for the development of research activities of teachers of future preschool organizations through design and teaching technology." In this section, a set of complex methods with diagnostic works, psychology exercises, design teaching methods and technologies are presented.

Doctoral student's design methods, technologies of design teaching, concepts of research activity D. Dewey, Dewey, W.H. Kilpatrick, Snedden, Richards, V. P. Bepalko, V. V. Davydov, V. K. Dyachenko, L. V. Zankov, P. Ya. Halperin, N.V. Kuzmina, E.S. Zaire-Beck, C.M. Bakhisheva, A.K.Kisymova, T.Zh.Uvalieva, N.K.Kiyakbaeva, U.B.Toleshova , D.I.Mukhataeva and others. Scientific works and definitions are reflected in the content of the scientific work.

Research novelty of the research paper:

1. Under investigation in the process of considering ways to develop the research activity of future preschool organization specialists using design learning technologies, analyzing that it is a problem of many pedagogic and psychological

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sciences, the meaning of the concepts "design learning technology", "research activity" is revealed and their transformation into the science of pedagogy clarified. Methodological, axiological, active, innovative, it was clarified that it is based on pillars.

2. Ways to develop the research activities of future preschool teachers through design learning technologies were defined, the content and design learning technologies were clarified and presented;

3. Directing future specialists to the formation of research skills of children in preschool organizations;

4. Development of research activities of teachers of future preschool organizations through design and teaching technologies structural - content model compiled;

5. Development of research activities of teachers of future preschool organizations through design and teaching technologies The effectiveness of the structural-content model has been proven.

The results and conclusions achieved by the doctoral student are determined based on the design and teaching technologies of future preschool teachers, evaluation criteria, practical application possibilities, scientific theoretical basis and methodological aspect, and a support system is based on the practice of preschool teachers.

The scientific dissertation work of the doctoral student has achieved the set goals and objectives. In the course of research work, Z.A. Mamytbaeva's literacy, inquisitiveness, modernity, ability to effectively use information, was able to correctly use new technologies and technical tools. The content of the research work is clearly stated within the topic. The research problem considered in the dissertation work was fully disclosed, analyzed many scientific works related to the object of research.

Mamytbaeva Zhanat Abdianapovna's thesis prepared for the degree of Doctor of Philosophy (PhD) in the specialty "8D012 "Pedagogy of preschool education and training"(6D010100 - Preschool education and training)" Development of research activities of teachers of future preschool organizations through design and teaching technology" I offer to defend work on the topic at the Dissertation Council established at Abay Kazakh National Pedagogical University on the specialty 8D012 "Pedagogy of preschool education and training"(6D010100 - Preschool education and training).

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