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for the degree of Doctor of Philosophy (Ph.D.)
in the specialty 6D010300 - Pedagogy and psychology to the thesis
prepared

ANNOTATION

Research topic: "Preparation of a future teacher-psychologist for the involvement of adolescents in project research activities"

Purpose of the research: Theoretical justification, definition of the content and development of methods of formation of readiness of the future teacher-psychologist to involve teenagers in project-research activity.

Research objectives:

1. To clarify the concepts "project-research activity of teenagers", "training of the future teacher-psychologist for involvement of teenagers in project-research activity" and to formulate the concept "readiness of the future teacher-psychologist for involvement of teenagers in project-research activity", "readiness of teenagers for project-research activity";

2. To determine the initial level of readiness of future teacher-psychologists for involving adolescents in project-based research activities based on content analysis of educational programs, criteria, and corresponding diagnostic methods;

3. To substantiate the relationship between adolescents' readiness for project-research activity and the desired readiness of the future teacher-psychologist;

4. To develop a methodology of formation of readiness of the future teacher-psychologist to involve teenagers in project-research activity and to test its effectiveness during experimental work.

Research Methods: Analysis and synthesis of philosophical, psychological and pedagogical literature on the problem under study; modeling; observation; conducting and forming experiments; testing; survey methods; methods of processing and interpretation of results - comparative data analysis, data evaluation, and mathematical data processing.

The main provisions to be defended (proven scientific hypotheses and other conclusions constituting the novelty):

– training of a future teacher-psychologist for involving adolescents in project research activities - a purposeful, organized process of forming readiness for involving adolescents in project research activities and project research competence of a future teacher–psychologist, involving their mastering the knowledge, skills and ways of organizing educational, cognitive and project research activities of modern adolescents, based on the actualization of their cognitive abilities and cooperation in the conditions of the pedagogical process of the school.

– the readiness of the future teacher-psychologist to involve adolescents in project-research activities is an intellectual and personal education that reflects the formation of project–research competence and includes motivational-value, content-cognitive, procedural-technological, control-evaluation components as an indicator of mastering the future teacher-psychologist ways of organizing the activities of

adolescents, based on actualization of their cognitive abilities and cooperation in the conditions of the pedagogical process of the school.

- formation of readiness of the future teacher-psychologist to involve teenagers in project-research activities will be effective if we use conditions that allow modeling the pedagogical process of the university as an interaction of a teacher and students, students among themselves, aimed at collective creativity:

- building work on the principles of consistency, logicity and focus;
- support and development of individual-psychological, intellectual-cognitive and creative potential of students;

- active use of various forms of group and team work with students;

- interaction of the potential of classroom and extracurricular work with students.

Research Key Findings/ Description of the main research results:

- the concepts of "project-research activity of teenagers", "training of a future teacher-psychologist to involve teenagers in project-research activity" are clarified and the key concepts of "readiness of a future teacher-psychologist to involve teenagers in project-research activity" and "readiness of teenagers to project-research activity" are formulated;

- a structural and content model of the readiness of a future teacher-psychologist to involve teenagers in project-research activities has been developed;

- the interrelation of adolescents' readiness for project-research activity and the desired readiness of the future teacher of psychology was substantiated;

- the methodology of formation of readiness of future teachers-psychologists to involve teenagers in project-research activities was developed and its effectiveness was tested in the course of experimental work.

Justification of the novelty and significance of the results obtained and compliance with the directions of scientific development or state programs

The first result corresponds to the current trends in the educational sphere, the main provisions of the "National project "Quality Education "Educated Nation" for 2021-2025", "Strategic development plan of the Republic of Kazakhstan until 2025", "Professional standard of the teacher". The formulated concepts "readiness of a future teacher-psychologist to involve teenagers in project-research activities", "readiness of teenagers to project-research activities" reflect the basic skills of the 21st century, which today should be possessed by every student.

The novelty of the second result is determined by the disclosed essence, represented by the components of the studied readiness, which allowed highlighting the criteria and indicators that open up the possibility to study the readiness of the future teacher-psychologist to engage adolescents in project-research activities in real-life conditions.

The third result reflects the current trend in modern education - cooperation and continuity between school and university. It was proved that adolescents' readiness for project-research activity and the desired readiness of the future teacher-psychologist correlate at a high level of statistical significance, at $p \leq 0,01$.

The novelty of the fourth result is expressed in the fact that the developed systematic methodology of forming the desired readiness of the future teacher-

psychologist not only innovates the process of his professional training, but also expands the functionality of his future professional activity.

Description of the doctoral student's contribution to each publication (the author's share of the thesis is given as a percentage of the total text)

The results of the study are reflected in 11 publications. 2 of them are in the foreign edition, included in the Scopus database, 4 - in scientific publications recommended by the Committee for Quality Assurance in Science and Higher Education of the Ministry of Science and Higher Education of the Republic of Kazakhstan, 5 of them are in the collections of international scientific conferences of near and far abroad countries.

In publications included in the Scopus database:

1. Evaluation of the Program Effectiveness of Research Competence Development in Prospective Elementary School Teachers. – // International Scientific Publication «International Journal of Environmental and Science Education – 2016. – Vol. 11. – No. 18. – pp.12299-12316. (Co-authored by: Khan N, Kolumbayeva Sh, Karsybayeva R, Nabuova R, Syzdykbayeva A.). The share of a doctoral student is 70%.

2. The project and research activity of the modern teenagers: Problems and involvement // Opcion. – 2019. – Vol. 35. – №. 88. – pp. 193-211. (Co-authored by: Abdullaeva, G., Menlibekova, G., Nurlanova, V., Orazbayeva, K.). The share of a doctoral student is 75%.

In publications approved by the Committee on Quality Assurance in Education and Science of the MSHE of the Republic of Kazakhstan:

3. Методологические подходы к пониманию сущности проектно-исследовательской деятельности студентов педагогического вуза // Scientific journal "Khabarshy – KazNPU named after Abay Series "Pedagogical Sciences". - Almaty. 2019. No. 2 (62). pp. 51-55. (Co-authors: Khan N.) The share of a doctoral student is 90%.

4. Психологические основания к определению сущности проектно-исследовательской деятельности // Scientific journal "Khabarshy – KazNPU named after Abay Series "Psychology"- Almaty. 2019. - No. 2 (59). -pp. 62-65. The share of a doctoral student is 100%.

5. Психолого-педагогическая подготовка студентов педагогического вуза к вовлечению подростков в проектно-исследовательскую деятельность // Scientific journal "Khabarshy - KazNPU named after Abay Series "Psychology". - Almaty. 2019. - No.3 (60), pp.67-75. (Co-authors: Knisarina M.). The share of a doctoral student is 90%.

6. The readiness of a future teacher-psychologist to engaging adolescents into project-research activities: a correlational aspect. Scientific-Methodical Journal - KazNPU named after Abay Series "Pedagogy and Psychology" - Almaty. 2022. No.2 (51), pp.33-40 Almaty. - 2022. -№2 (51). - С.33-40 (Co-authored by: Abdullayeva G., Khan N.). The share of a doctoral student is 80%.

International conferences of near and far abroad countries.

7. Development of digital literacy based on innovative approaches to design and research activities in a modern university //The 7th International Conference on Engineering & MIS 2021. – С. 1-4– pp. 1-4.. (Co-authored by: Abdullayeva, G., Vasko, T., Tundikbayeva, B., Kussametova, G.). The share of a doctoral student is 75%.

8. Педагогические предпосылки модернизации исследовательской деятельности будущего учителя // Proceedings of XI - international scientific-practical conference "Questions of modern science: problems, trends and prospects (April 13, 2017) 2 part, М. – 2017. -С.11-14. The share of doctoral students is 100%.

9. Psychological and pedagogical preparing of students for the involvement of adolescents in design and research activities. //. Proceedings of VIII Esenen scientific and educational forum "Interaction between secondary and higher education as a factor for improving the quality of education" Sofia, Bulgaria, 2018 pp.77-84. ». (Co-authors: Koleva I.). The share of doctoral students is 90%.

10. Psychological and pedagogical preparing of students for the involvement of adolescents in design and research // Proceedings of the conference with international participation sbata at the conferences "Destiny of the tradition, Journal "Strategies of educational and scientific policy" Kyustendil, Bulgaria, 2018. (Co-authors: Koleva I.). The share of doctoral students is 90%.

11. Модель готовности будущего педагога-психолога к вовлечению подростков в проектно-исследовательскую деятельность // Proceedings of the International Round Table "Pedagogical Education: Yesterday, Today, Tomorrow"-Almaty. 2022. – С.67-73. (Co-authors: Abdullaeva G., Khan N.). The share of doctoral students is 80%.