

ABSTRACT

of the dissertation of Yesnazar Assel Zhanabergenovna on the topic «Formation of thinking and speech skills of primary schoolchildren in interdisciplinary communication» for the Doctor of Philosophy degree (PhD) in speciality 6D010200 - «Pedagogy and Methodology of Primary Education»

Research topic: Formation of thinking and speech skills of primary schoolchildren in interdisciplinary communication.

The purpose of the study: theoretical and methodological substantiation of the formation of thinking and speech skills of primary schoolchildren in interdisciplinary communication, development and testing of the methodology for its application.

Research objectives:

- determination of the theoretical and methodological foundations for the formation of thinking and speech skills of primary schoolchildren in interdisciplinary communication in the primary grades;

- development of a methodological system for the formation of thinking and speech skills of primary schoolchildren in interdisciplinary communication;

- development of a structural-content model for the formation of thinking and speech skills of primary schoolchildren in interdisciplinary communication;

- development of a methodological complex for the formation of thinking and speech skills of primary schoolchildren in interdisciplinary communication, testing its effectiveness through experimentation and developing recommendations.

Research methods: theoretical: analysis of philosophical, psychological, pedagogical and scientific and methodological literature on the research problem, content analysis, collection, structuring, clarification, comparison, analysis, generalization and interpretation of scientific data, modeling methods; empirical: pedagogical observation; questioning, survey, testing; mathematical analysis of the results of the experiment; systematization and interpretation of experimental data.

The main provisions submitted for protection:

1. The formation of a conceptual and categorical apparatus in the formation of thinking and speech skills of primary schoolchildren in interdisciplinary communication - specifying the basic concepts, ideas from a philosophical, psychological, pedagogical point of view, determining its internal content structure - can become the basis for scientific and methodological basis for organizing the process of formation of thinking and speech skills of primary schoolchildren. The essence of the concept of "interdisciplinary communication" is a complex focused on thinking at a high level while maintaining the systemic logic of knowledge. And the formation of thinking and speech skills of primary schoolchildren is a process of acquiring language skills for a clear and precise, correct expression of their thoughts through analysis, generalization, comparison in the process of language communication.

The methodological basis for the formation of thinking and speech skills of primary schoolchildren in interdisciplinary communication is guided by a systemic, activity-based, integrative, environmental approach.

2. The methodological system for the formation of thinking and speech skills of primary schoolchildren in interdisciplinary communication is provided by: the methodological base for the formation of thinking and speech skills of primary schoolchildren; using methods to develop schoolchildren's skills in speaking, listening, reading and writing; the use of interdisciplinary and cognitive texts and a system of tasks and exercises for the formation of thinking and speech skills of primary schoolchildren in interdisciplinary communication.

3. The structural-content model of the formation of thinking and speech skills of primary schoolchildren in interdisciplinary communication is a set of criteria and indicators consisting of closely interconnected motivational, cognitive, resulting components and is implemented in accordance with the levels (very high, high, medium, low, very low).

4. Methodological complex for the formation of thinking and speech skills of primary schoolchildren in interdisciplinary communication: the program of the scientific and methodological seminar "Fundamentals of the formation of thinking and speech skills of primary schoolchildren in interdisciplinary communication in primary school" was developed; the program of the elective course "Secrets of thinking and speech"; a system of exercises and tasks for the formation of thinking and speech skills of primary schoolchildren in interdisciplinary communication, which were tested in the experiment; scientific and methodological recommendations were given.

Description of the main results of the study:

- theoretical and methodological foundations for the formation of thinking and speech skills of primary schoolchildren in interdisciplinary communication in the system of primary education have been determined;

- a methodical system for the formation of thinking and speech skills of primary schoolchildren in interdisciplinary communication has been developed.

- a structural-content model of the formation of thinking and speech skills of primary schoolchildren in interdisciplinary communication has been developed, the components, criteria, indicators, and levels have been determined.

- a program of a scientific and methodological seminar for primary school teachers " Fundamentals of the formation of thinking and speech skills in interdisciplinary communication in primary school" was developed; a program of the elective course "Secrets of thinking and speech"was developed; a system of exercises and tasks for the formation of thinking and speech skills of primary schoolchildren in interdisciplinary communication was developed, which were tested in the experiment, and scientific and methodological recommendations were given.

The novelty and significance of the results:

The degree of novelty of each scientific result and conclusion formulated in the study is determined as follows:

The 1-result is new. In the course of studying philosophical, psychological, pedagogical scientific works, through an expert analysis of categorical key ideas, the concepts of "interdisciplinary communication", "thinking and speech skills" and "formation of thinking and speech skills in interdisciplinary communication" were defined.

The 2-result is new. This is ensured by the development of a methodological system for the formation of thinking and speech skills of primary schoolchildren in interdisciplinary communication: providing a methodological basis for the formation of thinking and speech skills of primary schoolchildren; using methods and techniques for developing schoolchildren's speaking, listening, reading and writing skills; the use of interdisciplinary and cognitive texts, as well as a system of tasks and exercises designed to form thinking and speech skills of primary schoolchildren in interdisciplinary communication.

The 3-result is new. A structural-content model of the formation of thinking and speech skills of primary schoolchildren in interdisciplinary communication has been developed, consisting of motivational, cognitive, and resulting components with certain criteria and indicators, represented by very high, high, medium, low, very low levels.

The 4-result is new. For the first time, a methodological complex for the formation of thinking and speech skills of primary schoolchildren is presented (the program of the scientific and methodological seminar "Fundamentals of the formation of thinking and speech skills in interdisciplinary communication in primary school", the program of the elective course "Secrets of thinking and speech").

Compliance with the directions of science development or state programs:

There is a full-fledged opportunity to find a positive solution to the problem of developing the thinking and speech skills of schoolchildren starting from the primary stage of education in interdisciplinary communication in accordance with the Law of the Republic of Kazakhstan "On Education", "The State Program for the Development of Education and Science of the Republic of Kazakhstan for 2020-2025", the National Plan development of the Republic of Kazakhstan until 2025 and the Messages of the President of the country K.K. Tokaev.

The state compulsory standard of primary education states: "The ability to functionally and creatively apply knowledge, think critically about the harmonious formation and development of a learner, master a wide range of communication skills, including language skills, group and individual work." The skills specified in the educational standard make it possible to harmoniously develop and form the personality of primary schoolchildren with developed theoretical thinking, who have acquired language skills and subject knowledge.

The goal of the State Program for the Development of Education and Science of the Republic of Kazakhstan for 2020-2025, according to public requests, is: "improving the global competitiveness of Kazakhstani education and science, learning and education of the person based on universal values." Achieving this goal involves solving several problems, one of which is the formation of thinking

and speech skills of primary schoolchildren in interdisciplinary communication. The solution of these problems reveals a new nature of the formation of thinking and speech skills in the model of development of primary schoolchildren, focused on the new requirements of society.

In the National Development Plan of the Republic of Kazakhstan until 2025, regarding quality education, it is noted: "It will be important to form the mental skills of schoolchildren from elementary (knowledge, understanding, application) to high levels (analysis, synthesis, assessment), the presence of "cross-cutting topics" that allow the most effective organization of interdisciplinary communication. In turn, this task provides for the implementation of the formation of thinking and speech skills of schoolchildren, starting from the primary school grades, through interdisciplinary communication in the learning process. This means that interdisciplinary communication in the learning process can become a means of the formation of thinking and speech skills of primary schoolchildren.

Contribution of the doctoral student to the preparation of each publication (Percentage of the dissertation author, measured as a percentage of the total number of publications):

In preparing the publication, a theoretical analysis of the literature was carried out, and an analysis of the experimental study was presented in the publications. According to the content of the research work, 7 articles were published. Including 1 articles in publications indexed in the Scopus database:

1. Determination of primary school children's speech skills in interdisciplinary communication in learning environments. World Journal on Educational Technology: Current Issues. 12(4), 373-388. (Yesnazar, A. 70%), (Japbarov, A., Zhorabekova, A., Kabylbekova, Z., Nuralieva, A., Elmira, U. 30%).

4 articles were published in publications approved by the Committee for Quality Assurance in Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan:

1. Didactic methods of defining the concept of «interdisciplinary communication» // Bulletin of the Kazakh National Pedagogical University named after Abai series «Pedagogical Sciences». – 2019. - №4 (64). – P.49-52. (Yesnazar A.Zh. 100%).

2. Teaching primary school subjects in interdisciplinary communication // Bulletin of the Kazakh National Women's Pedagogical University. – 2020. - № 2(82). – P.170-179. (Yesnazar A.Zh. 70%), (Japbarov, A. 30%).

3. Interdisciplinary communication in teaching in the practice of teachers // Science and life of Kazakhstan. International scientific journal. – Almaty, 2020. - №12/6 (152).- P.60-64. (Yesnazar A.Zh. 80%), (Doshmanova L.E. 20%),

4. Development of speaking skills in the Kazakh language lessons through interdisciplinary communication // Science and life of Kazakhstan. International scientific journal. – Almaty, 2020. - №12/7 (153).- P.192-195. (Yesnazar A.Zh. 80%), (Koshkarova M.D. 20%).

2 articles were published in the materials of foreign and domestic international conferences:

1. The place of interdisciplinary communication in the updated educational program // Innovation and Global Issues congress v 2019. Ankara/Turkey, 2019. – B.1211-1215. (Yesnazar A.Zh. 100%).

2. The essence and content of the development of thinking and language of primary schoolchildren // International scientific-practical conference "Modern trends in pedagogical education." South Kazakhstan State Pedagogical University. - Shymkent, 2020. - P. 597-601. (Yesnazar A.Zh. 100%).

These publications are works performed by the PhD student individually in accordance with the results obtained during the research on the topic of the thesis.