

ANNOTATION

of the dissertation for the degree of Doctor of Philosophy (PhD)
specialty 6D010300 - "Pedagogy and psychology" by
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Research topic: «Formation of management skills of high school students in the context of organizing student self-government at school».

Purpose of the study: scientific and methodological substantiation, development, and experimental testing of a system of purposeful activities for the formation of management skills of high school students in the conditions of organizing student self-government at school.

Research objectives:

1. Carry out a scientific analysis of the research of the problem and conceptual provisions; develop basic theoretical and methodological approaches to developing the management skills of high school students.

2. To reveal the essence and content of the key concept "formation of management skills of high school students", considering age and personal dominants, modern realities of transformation of public consciousness, and school modernization.

3. In the context of the identified psychological and pedagogical conditions, principles, and factors, present a content analysis of the paradigm of the educational environment of a modern school, the structure of student self-government, and develop a model for the formation of management skills of high school students.

4. To study the organizational and technological basis for the formation of management skills of high school students in the conditions of student self-government, to develop a meaningful program and methodology for empirical and pedagogical research.

5. In the course of experimental work, implement a comprehensive system of pedagogical activities to develop management skills of high school students in the conditions of student self-government; outline prospects for further development of the problem.

Research methods:

- *theoretical* (substantive and etymological analysis of key concepts; study and analysis of pedagogical, psychological, and reference literature, synthesis of ideas that contribute to understanding the core conceptual provisions and methodological foundations of the problem); modeling (development of a model for developing students' management skills);

- *experimental* (introspection-self-observation), questioning, survey, pedagogical observation, diagnostics, testing, ascertaining and transformative experiments;

- *statistical*: expert assessment and processing of research results using mathematical statistics methods.

Basic provisions (proven scientific hypotheses and other conclusions that are new knowledge) submitted for defense:

1. The methodological basis for the problem of developing management skills in high school students is the synthesis of systemic, synergetic, variable, person-oriented approaches and management concepts (perspirative, principle-centric) characterized by innovation, structure, and effectiveness.

2. *Management skills of students* are purposeful and transformative actions of students as subjects of the pedagogical system to achieve results, both personal and of a team of performers, plan and direct development activities, demonstrate leadership qualities, and a high degree of self-organization. *The formation of management skills of students* is the development of this system of actions aimed at effectively solving problems to achieve results.

3. The decomposition of student self-government according to the principle of cultural conformity is a complex of interconnected blocks that create conditions for the self-realization of a student's personality, the development of his organizational and leadership abilities, the formation of management skills, activity, and responsibility in any type of school and extracurricular work. The regulations on student self-government comply with the UN Convention on the Rights of the Child and are regulated by the Law of the Republic of Kazakhstan "On Education".

4. The structural and content model and the author's program "School of the Future Manager" ("Adaptive Leadership") represent a certain set of conditions that contribute to the formation of management skills of high school students based on the stages and levels of development of student self-government and the activities of various stakeholders.

Description of the research results:

1. Based on the study of regulatory documents, fundamental sources, and methods of structural and cognitive analysis, the theoretical and methodological foundations of the study were developed in the synthesis of managerial and psychological-pedagogical approaches; The author's definitions are proposed: "*Management skills of students*" and "*Formation of management skills of high school students.*" The author's definition is based on integrated methodological theories of systematicity, synergetic, person-centeredness, perceptivity, and principle-centric management approaches.

2. The features of senior school age as dominants that contribute to the formation of management skills, considering the challenges of the time and the transformation of social consciousness, are scientifically and methodologically substantiated;

3. The complex psychological and pedagogical conditions of the educational environment of a modern school, principles, and factors have been determined; content analysis, structure decomposition, and the Regulations on student self-government based on the principle of cultural conformity and the activities of stakeholders are presented; a structural and content model has been developed, components, levels, and assessment indicators have been identified.

4. Based on a set of research procedures and a model, a system of targeted pedagogical activities has been developed to develop management skills in high school students, including a comprehensive program of student self-government

“School of the Future Manager” and “Adaptive Leadership”, approaches and methods. The effectiveness of the program has been proven experimentally.

Justification of the novelty and importance of the results obtained and compliance with the directions of scientific development or government programs:

The first result is partially new from the standpoint of the methodological substantiation of general scientific and inter-scientific approaches to the problem of developing management skills in high school students, and corresponds to the goals of state programs for the development of education and the national project of the Republic of Kazakhstan “Quality Education is Educated of Nation”.

The second result is important and new since the author’s interpretations of the concepts “managerial skills of students” and “formation of management skills of high school students” reflect the challenges of modern society and new forms of student self-government; consistent with positions 76-79 of the state program “100 concrete steps”, which provides for the development of competitive youth to develop the export potential of the education system.

The novelty of the third result is justified by the systematization of psychological and pedagogical conditions, factors, and principles of functioning of the educational environment of a modern school as effective mechanisms for the formation of management skills of high school students in the organization of student self-government, as well as a structural and content model with corresponding criteria, levels and indicators of assessment.

The fourth result is characterized by novelty from the standpoint of generalization of results and scientific substantiation by the author of the dissertation of practical experience in the technical lyceum of Kokshetau and regional schools in the formation of management skills of high school students in the context of organizing student self-government within the framework of the “School of the Future Manager” (“Adaptive Leadership”) program, proven their effectiveness by experimental research.

Description of the doctoral student's contribution to the preparation of each publication (the contribution of the dissertation author is shown as a percentage of the total volume of the text)

10 scientific works have been published on the topic of the dissertation, including 1 article in a journal included in the Scopus database, 4 articles in scientific publications recommended by the Committee for Quality Assurance in Education of the Ministry of Science and Higher Education of the Republic of Kazakhstan, 4 articles in collections of international conferences of domestic, neighboring, and far abroad and the section of collective monography (1). All publications were prepared as part of the research.

Article in Scopus journal

1. Methodological Aspects of Content-Based Strategies in Classroom Managerial Activity // European Journal Contemporary Education. – 2023. - V.12. – Iss. 2. – P. 426-433 (Co-authored by: Aigerim Kosherbayeva, Korvakov V., Cadikova C (*doctoral student share 70%*). *The article was prepared to highlight*

methodological aspects, functions, and problems of the development of management activities. <https://ejournal1.net/index.php/ejce/article/view/430>.

Articles in scientific publications recommended by the Committee for Quality Assurance in the Sphere of Science and Education of the Ministry of Science and Higher Education of the Republic of Kazakhstan:

1. Innovative consortiums as knowledge quality management for students in Kazakhstan // "Pedagogy and Psychology" of Abai KazNPU. 2023. - No. 2 (55). – pp. 261-268. (Co-authored by Akhmetov A., doctoral student share is 60%). The article reveals innovative approaches to managing students' knowledge; an analysis based on the consortium model is presented. <https://doi.org/10.51889/2077-6861.2023.30.2.010>

2. Актуальные вопросы формирования управленческих умений старшеклассников//News of Abylai Khan University. Series "Pedagogical Sciences". 2023. - No. 2 (69)., pp.318-339. (Co-authored by A. Kosherbaeva, doctoral student's share is 80%). The article highlights the theoretical and practical problems of developing students' management skills in light of the modernization of educational processes. <https://doi.org/10.48371/PEDS.2023.69.2>

3. Білім беру ортасын басқаруда өлшеу мен бағалаудың мәні: педагогикалық және психологиялық аспектілері//Bulletin of Abai KazNPU. Series "Pedagogical Sciences". 2023. - No. 2 (78), pp. 126-135 (Alpysbay L. in the authorship; doctoral student share is 60%). The article covers the issues of measuring and assessing the management of the educational environment of students. <https://doi.org/10.51889/2959-5762.2023.78.2.013>

4. Регулятивные универсальные учебные действия//Reports of the Kazakh Academy of Education. 2020– No. 3, pp. 150-155. (Co-authored by Yu. Surovitskaya et al., doctoral student's share is 60%). The article outlines the theoretical foundations of the problem of management skills. <https://egi.edu.kz/wp-content/uploads/2020/11/КАО-3-2020.pdf>

Articles in materials of collections of domestic and foreign conferences:

1. Стратегический менеджмент – современная система управления образовательной средой//Mat. On Sat. scientific articles of the II International Scientific and Practical. conference scientists and teachers “Innovations in education: experience, problems and prospects.” – Almaty: KazNPU named after. Abaya, 2023. – pp. 367-360. (doctoral student share is 100%). The article reveals the theoretical directions and features of strategic management as a management tool.

2. Воспитание уверенности в себе у учащихся гуманитарно-технического лицея//Sat. articles of the XXXI international research competition “Best Scientific Article - 2019”. – Penza: MCNS “Science and Enlightenment”, 2019. – P.77-79 (Co-authored by A. Sadykova, doctoral student's share is 80%). Pedagogical problems of instilling confidence and independence are revealed using the example of lyceum students. <https://naukaip.ru/wp-content/uploads/2019/12/%D0%9A-203.pdf>

3. Педагогический менеджмент в управлении образовательным процессом//Sat. articles of the XXXI international research competition “Best

Scientific Article - 2019”. – Penza: MCNS “Science and Enlightenment”, 2019. – P.238-241 79 (Co-authored by Makulbekova D., doctoral student’s share is 70%). *The article covers general issues of pedagogical management and its functioning in school.* <https://naukaip.ru/wp-content/uploads/2019/12/%D0%9A-203.pdf>

4. Some aspects of educating students about self-confidence // Materials of the International Conference “Scientific research of the SCO countries: synergy and integration” - Reports in English. Minzu University of China, Beijing, PRC) MNC Scientific Research. SCO countries: synergy and integration” China Beijing, 2019 – 249 p. P.129-132 (Co-authored by A. Sadykova, doctoral student’s share is 70%). *The article highlights the issues of instilling success and confidence in school students and proposes current methods.*

https://kpfu.ru/staff_files/F_1183896347/Scientific_research_of_the_SCO_countries_English_Reports_March_25_26_Part_1_2.pdf

Monograph:

Учебно-воспитательный процесс: формирование уверенности и коммуникаций у учащихся. Collective monograph «Innovation processes in science and education» Under general editorship G.Yu. Gulyaeva – Penza: ICNS “Science and Enlightenment”, 2019. – 230 p. – P.30-40. (Co-authored by Sadykova A., Makulbekova D., doctoral student share is 40%). *The section of the monograph characterizes the problems of building confidence and developing communication among school students and highlights practical ways of such activities.*

<https://naukaip.ru/wp-content/uploads/2021/05/%D0%9C%D0%9E%D0%9D-153.pdf>