

ANNOTATION

of a dissertation for the degree of Doctor of Philosophy (PhD)
in the speciality 6D010300 - "Pedagogy and psychology"

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Research topic is "Development of achievement motivation among modern school learners in the process of updated learning content".

The purpose of the study is to determine the theoretical and methodological prerequisites and conditions for the development of achievement motivation for modern schoolchildren in the process of updated learning content, to develop a program of purposeful activities within the framework of the problem under study, and to test its effectiveness experimentally.

Research objectives:

1. to substantiate the theoretical, methodological, and practical prerequisites, and conceptual provisions for the development of achievement motivation for modern schoolchildren;

2. to reveal the essential characteristics of the concepts of "achievement motivation", and "development of achievement motivation of modern schoolchildren" in the structure of personal and ontogenetic development of adolescents;

3. to characterize the purpose and principles of introducing the updated content of education into the system of modern schools and structure its capabilities, psychological and pedagogical conditions in the development of motivation for the achievement of adolescent students;

4. to develop a structural and content model for the development of achievement motivation for adolescent students. Based on the provisions of the model, determine the components that combine various elements, functions, and levels of development of motivation for the achievement of subjects of education;

5. to test experimentally the proposed system of purposeful activities for the development of achievement motivation for adolescents, and check its effectiveness based on the level of qualitative growth of their cognitive activity.

Research methods:

- study and analysis of philosophical, psychological, and pedagogical literature and research, educational programs and documents on the organization of the activities of a modern school for the introduction and implementation of the updated content of education, a review of scientific literature related to theoretical and practical issues of developing achievement motivation for schoolchildren;

- study and generalization of the experience of psychological and pedagogical work and practical activities of teachers with adolescent schoolchildren in the conditions of the updated content of education, generalization of personal experience as well as a study of existing methods;

- observation, questioning, testing, expert assessments, analysis of the products of educational and extracurricular activities to develop achievement motivation for adolescents as well as pedagogical experiment and analysis of its results.

The structural method of interpreting the obtained results makes it possible to compare the data obtained with previously established facts and patterns and to test the achievement motivation development model.

Provisions for defense:

1. The development of the achievement motivation of modern schoolchildren (teenagers) as active subjects of learning within the updated content of education is one of the varieties of motivation in the general structure of educational and cognitive activity and the aspirations of the individual to achieve high results associated with the natural need to achieve success. The author's definition is based on the methodological approaches of the theory of activity, consistency, and acmesinergetics; it is based on the strategic development and the concept of modern schools, where the main activity of students is focused on the process of accumulating valuable and reflective experience, the dominance of quality is meant to achieve success.

2. The updated content of education, based on the cognitive theory of D. Bruner (spiral model), correlates with the management principles and psychological and pedagogical conditions of the modern school, contributes to the improvement of the pedagogical skills of teachers and the development of motivation for success in adolescents through a system of criteria-based assessment and updated programs.

The spiral form of education, aimed at re-learning educational material with increasing complexity throughout schooling, gives students the advantage of actively "extracting" knowledge, developing communication skills and the need to achieve a higher level of knowledge, instills basic human norms and morals,

3. The content of the structural-content model and the psychological and pedagogical conditions of the educational environment of schoolchildren, aimed at developing achievement motivation, take into account their age and individual characteristics, emotional state, and are characterized by the actualization of the significance of social values and the high needs of students.

4. An innovative program for the development of achievement motivation for adolescents, the developed diagnostic tools, and the entire system of activities taking into account the complex psychological and pedagogical conditions of the modern school activate the process of developing the motivational resource of adolescents; it promotes goal setting and self-achievement. The value orientation of adolescents towards success is a factor in the conscious increase in cognitive, health-saving qualities and is transformed into a personal achievement, recognized by the community as a significant positive event in the educational activities of its subjects.

Research results:

- on the basis of a conceptual analysis of theoretical and practical sources, an essential characteristic of the concept of "achievement motivation" is given, and the author's definition of "development of achievement motivation of modern

schoolchildren" is proposed in accordance with the characteristics of the ontogenetic development of adolescent students and the conditions of the updated content of education;

- the psychological and pedagogical conditions and the managerial potential of the modern school are determined, which contribute to the implementation of modernized reforms in the field of secondary education, including the updated content of training for the purposeful development of achievement motivation for adolescents;

- a structural and content model for the development of achievement motivation for adolescent students was developed and tested by the integral functioning of the target, content-procedural, organizational-technological, and evaluation blocks;

- the effectiveness of a system of purposeful activities for the development of achievement motivation for adolescents, including diagnostic tools, an innovative program for the development of achievement motivation for adolescents, and a qualitative change in learning outcomes, has been experimentally proven.

Substantiation of the novelty and importance of the obtained results and compliance with the directions of scientific development or state programs:

The first result is important and new from the standpoint of scientific substantiation of the methodology for the development of motivation for the achievement of modern schoolchildren (activity, acmesinergetic, systemic approaches) in the context of the updated content of education, dictated by the tasks of state programs for the development of education (2020-2029, etc.) and the formulation of the author's interpretation concepts: "development of motivation for the achievement of modern schoolchildren".

The second result is characterized by novelty in terms of determining the psychological and pedagogical conditions and the managerial potential of the modern school, as well as the reasonable argumentation of the significance of the updated content of education in the period of the monopoly of digital technologies, which has the advantage of purposefully developing the achievement motivation of adolescents based on the cognitive model of learning.

The third result is new since the purpose and content of the developed model for the development of achievement motivation for modern schoolchildren (teenagers) correspond to the basic principles of the national project "Quality Education. An Educated Nation" includes a scientifically and methodically substantiated system of activities in the direction of the developed qualities of adolescents.

The novelty and importance of the fourth result are substantiated by experimental data proving the effectiveness of a special program and diagnostic tools designed to develop achievement motivation for adolescents in the context of updated learning content.

Description of the contribution of the doctoral candidate to the preparation of each publication (the contribution of the dissertation author is shown as a percentage of the total text):

10 scientific papers have been published on the topic of the dissertation, including 1 article in a journal included in the Scopus database, 5 articles in scientific publications recommended by the Committee for Compulsory Education of the Republic of Kazakhstan, 1 article in a peer-reviewed scientific journal; 2 articles in the collection of international conferences; 1 teaching aid. All publications were prepared within the framework of the conducted scientific research:

1. *The interplay of dominant factors that influence adolescents' academic performance: Motivation type and pressure vs involvement // Frontiers in Education, 7:912744. DOI: 10.3389/feduc.2022.912744. (2022) P. 184-202. (co-authors: Mayur M., Zharnitskiy V., Shilova V. 65 %).* <https://doi.org/10.3389/feduc.2022.912744>

The article considers the results of the study of the relationship between motivation and academic performance of adolescents based on the International Monitoring Study of the Quality of School Education TIMSS, the program for assessing the educational achievements of PISA students and assessing the impact of motivation on it; the results of Pearson verification and binary testing of Likert for all academic results of students in grades 7-8.

2. *Развитие мотивации достижения школьников в рамках обновленного содержания обучения//Тенденции развития науки и образования - Самара: НИЦ «Л-Журнал. - 2019. - № 54. Ч.6. - с. 59 – 64. (co-author: N.B. Zhienbayeva, 90%).* <https://doicodex.ru/doifile/lj/54/lj-09-2019-137.pdf>. The article analyzes the motivational sphere of students in grades 7-8, explains the purposefulness of their motivation as a system of actions responsible for the cognitive productivity of educational activities.

3. *Коммуникативно-содержательные функции современного педагога //Наука и Жизнь Казахстана 1 (73). Астана, 2019 С. 81-84. (co-authors: Zhienbayeva N.B., Daniyarova A.B. 50%)* <https://www.naukaizhizn.kz/index.php/journal/article/view/40/40> The article presents a meaningful characteristic of practice-oriented learning aimed at the development of the personality of modern schoolchildren and students.

4. *Мотивация достижения: феномен, структура, проблема исследования // Вестник КазНПУ имени Абая, серия «Психология», № 3 (60). 2019. С. 83 – 87. (co-author: N. B. Zhienbayeva, 85%).* <http://sp.kaznpu.kz/ru/series/2/?year=2019>

The article concretizes the conceptual and categorical apparatus of the study: the concept of "achievement motivation" is substantiated in accordance with the place and role of this phenomenon in the development of the personality of a modern schoolboy in the context of the updated educational process.

5. *Взаимосвязь мотивации достижения и самоактуализационного потенциала школьников// Вестник Национального Педагогического университета имени Абая «Психология» серия, № 4(69), Алматы, 2021 г. с.7 -14. (co-author: N.B.Zhienbayeva, O.B.Tapalova. 68%).*

<https://doi.org/10.51889/2021-4.1728-7847/01>. The article presents the results of a study of achievement motivation in highly and low-motivated students of grades 7-8.

6. *Изучение мотивационной сферы и ее направленности у школьников подросткового возраста // Вестник КазНПУ имени Абая серия «Психология», № 3 (72), Алматы, 2022 г. С. 201-208. (co-author: A. Nurakhmetova, 90%).* <https://doi.org/10.21889/9820.2022.76.13>.

The article describes the motivating sphere of modern schoolchildren, focuses special attention on the pedagogical potential of the productivity of educational activities through their internal motivation.

7. *Корреляционная взаимосвязь мотивации достижения и потребности в достижениях казахстанских школьников // Педагогика и психология. КазНПУ им. Абая, №1 (51), Алматы, 2023 г. с. 95-101.* <https://doi.org/10.51889/9820.2022.76.13.022>

The scientific article presents the results of a study of the motivation of achievement of schoolchildren during the transformation of school education. The purpose of the study is to conduct a comparative analysis on the study of achievement motivation and the need for achievements of Kazakhstan middle school students. The article describes the mechanism of designing the achievement situation, which contributes to the mastery of cognitive, emotional-value and behavioral components of achievement motivation by schoolchildren.

8. *Developing Motivation in Schoolchildren: Insights from the Updated Learning Content. Journal Advance in Social Science, Education and Humanities Research, Publishing house: Atlantis Press. -Volume 396, P. 255-258. (co - authored by Zhiyenbayeva N. 85%).* <https://www.atlantis-press.com/proceedings/iceder-19/articles>

The article substantiates the importance of the innovative program on the basis of the identified pedagogical conditions for the development of achievement motivation in students of grades 7-8 in the conditions of the updated content of educational programs.

9. *Психологическая характеристика мотивации педагогической деятельности // Материалы международной научно-практической конференции «IV-Оразовские чтения: Наследие великого Шелкового пути диалог цивилизации. Из прошлого в будущее». (16 ноября Шымкент, 2018). – 2018. - Т.2. - С. 22-26. ISBN 978-9965-811-12-8 -10 -100%. The article presents the results of the psychological and pedagogical characteristics of the motivation of pedagogical activity, the results of the analysis of the empirical study of internal and external criteria for the success of teachers and psychologists working with schoolchildren.*

10. *Психолого-педагогическая диагностика мотивации достижения современных школьников. Учебное пособие. – Шымкент: Элем. -2021. – 100с. ISBN 978-601-298-992-2 (co-authors: Zhiyenbayeva N., Tapalova O. 75 %). The textbook presents the current state of the problem of achievement motivation at school age as an urgent problem of pedagogical psychology.*