PEDAGOGICAL REQUIREMENTS FOR THE IMPLEMENTATION OF DIFFERENTIATED APPROACH IN TEACHING ELEMENTARY SCHOOL CHILDREN

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Article History: Received on 01⁰ October 2019, Revised on 30⁰ October 2019, Published on 01⁰ December 2019

Abstract

Purpose of the Study: The article describes the view of the authors on the model of the implementation of a differentiated approach in the training of elementary school children.

Methodology: In the research the authors identify and systematize the pedagogical requirements for ensuring the sex differentiation in the education of elementary school children, together forming a meaningful model for implementing a gender approach to the educational process of primary school and including gender education for students, teachers, and parents. The authors analyze the category of sex differentiation in domestic and foreign pedagogy.

Result: The authors theoretically describe the problem of implementing a differentiated approach in teaching elementary school children, and also substantiate the experimental work on testing the effectiveness of pedagogical conditions that interconnect and complement each other, forming a dynamic system that ensures the effective organization of the sex differentiation of elementary school children.

Application and Novelty: Presented pedagogical requirements and model of a gender approach to the educational process can solve the age and gender problems of elementary school children and harmonize their relationships. Data of the article can be used not only in the educational process of elementary school but also at the lessons of such subjects as "Pedagogical psychology", "Developmental psychology", "Differential psychology" at the university. These requirements give opportunity to prepare more qualified and competent psychologists and teachers for elementary school.

Keywords: Education, Pedagogical Conditions, Differentiated Approach, School Children.

INTRODUCTION

The main directions of modern school modernization are connected with the idea of creating conditions for the development of personality and disclosure of student’s individuality, its self-realization in life. The theorists and practitioners are faced with the task of improving the teaching of schoolchildren as the leading type of activity, identifying the conditions for improving the quality of education, among which differentiation of instruction is of no small importance.

The interest in the problem of differentiation of education is due not so much to the fact that the category of sex is a complex psychological, historical, cultural and social problem, like the fact that modern requirements for upbringing and an individual approach to the formation of personality cannot be realized without taking into account the psychological specifics of the child’s sex.

The scientific formulation of the problem of differentiation of schoolchildren’s education is due to the urgent need to update the education system. First of all, it concerns the trend of humanization of the educational process that has been gaining strength in recent years. The world pedagogical community has declared humanism a fundamental principle of social progress and the development of education.

In addition to the psychophysiological basis of the distinctive features of boys and girls, there is a social aspect of the development of the child’s personality, i.e. socially determined ideas about a man and a woman, their place and role in society. These ideas have a great influence on the gender culture of the child. It is necessary that the process of training and education of students was comfortable psychologically and contributed to their personal development.

In 2004, the Gender Strategy of the Russian Federation was adopted, which actualizes the importance of developing gender-oriented programs in the process of modernizing Russian education. In the Russian educational practice, there are a number of attempts to solve the problem of taking into account the age and gender characteristics of students (the creation, along with the traditional, classes with separate training, the organization of the half-differentiated teaching of certain academic subjects).

In real educational practice, the teacher is guided by a certain average student without taking into account his psycho-physiological features. Under the conditions of a heterogeneous class, gender and age characteristics of children are not taken into account. Model programs and strategies for the implementation of these programs by teachers do not meet the logic and psycho-physiological characteristics of the development of cognitive processes of students of different sexes.
This is reflected already in the early school years. The younger school age is a period of gender segregation when children try to avoid members of the other sex. This leads to the fact that children do not know how to communicate with members of the opposite sex, which causes certain problems in adolescence. The younger school age is characterized by susceptibility to external influences, compliance with the emotional impact and therefore is sensitive for the formation of psychological gender identity and optimization of relationships with representatives of the opposite gender.

A review of the scientific literature has shown that in pedagogical science there is a fairly large amount of research on the problems of sex education (Andreev, 2008; Isaev, 2004), in the psychological-pedagogical literature there are various aspects of gender approach in pedagogy (Bulatova, 2009; Korobkova, 2005; Sazesh & Siadat, 2018; de Arriba Pérez et al., 2016); there are works on the problem of gender differences among students (G.M. Breslov, M. Yu. Buzhigeeva, IS Kon, AV Mudrik, BI Hasan) (Breslov, 1990).

The theoretical analysis of the problems of gender in psychology is devoted to the work of I. S. Kletsinoy. Gender issues in education and gender socialization are highlighted by Yu. E. Guseva (Guseva, 2001), I. V. Kostikova, L.V. Popova, N. K. Radzina, N. P. Tsareva. Of particular importance for our study are theses on the problems of gender and gender role approaches in education (O.A. Konstantinova (Konstantinova, 2005), SV Rozhkova, N. Ye. Tatarintseva). Formation of gender aspects in Russian society studied N. And. Abubikirova; The study of women's and gender studies in history carried out by N. L. Pushkarev (Fakhrutdinova et al., 2013). Consideration of gender differences in preschool children in the educational process in the formation of children's intellectual readiness for schooling is highlighted by M. N. Tereshchenko (Tereshchenko, 2007); in the formation of physical culture - A. V. Matveeva (Matveeva, 2007). The issues of interaction between teachers and older teens in the educational process, taking into account sexual differentiation, were studied by A. A. Antipov; on the subjects of the natural science cycle - S.A. Korobkova (Korobkova, 2005); when teaching chemistry - S. V. Kornilaev (Meodeva et al., 2016); in teaching history - Ya. S. Solovyov. The gender features of teaching a foreign language to children of primary school age when teaching English were revealed by V. A. Petrova; humanizing potential of gender-oriented German language classes - E. S. Saharchuk (Saharchuk, 2005).

For all the significance of the research performed, the methodological foundations and the organizational and pedagogical conditions for the differentiation of the education of elementary school children remain insufficiently developed. Noting the undoubted value of the developed fundamental provisions on the general pedagogical problems of a differentiated approach to learning and its basic characteristics, it should be recognized that at the present stage, the accumulated experience and theoretical approaches to the differentiation of elementary school children require careful analysis.

METHODS

The objects of our investigation are: 1) theoretically substantiate and experimentally verify pedagogical support of sex differentiation of the education of elementary school children in the practice of a comprehensive school, 2) to reveal the essence, content and main characteristics of the concept of "sex differentiation " in the context of psychological and pedagogical research, 3) to determine and experimentally check the complex of pedagogical conditions of sex differentiation of elementary schoolchildren.

For confirmation of the hypothesis we need to turn to a variety of methods:

- theoretical analysis and synthesis; the study of philosophical, psychological, educational, methodic literature, documents of educational institutions; studying of program, regulatory documents; generalization of advanced pedagogical experience; interrogative-diagnostic methods (interrogation, observation, questioning, conversation, interviewing); practical methods (study of products of activity, study of school documentation); pedagogical experiment, including ascertaining, formative and control stages; methods of statistical information processing.

The fundamental works of foreign and Russian scientists in the field of pedagogy and psychology of elementary school children were the theoretical basis of the research (Gali, 2018; Combs, 2009).

The usage of the methodology and methods of existing research contributes to the development of scientific thought in education for elementary school children. It provides the opportunity to comprehensively solve the problem of teaching elementary school children with a differentiated approach.

RESULTS

The pedagogical support of differentiated approach of teaching elementary school children allowed us to get certain results in the personal and cognitive development of students: interest in learning results and heightened cognitive interest significantly increased in experimental groups, both in the group of boys and girls; in the experimental classes, more stable interpersonal relations and mutuality responsibility were established between children; boys and girls became closer (in the control classes, friendships are more often based on the principle: “with whom I sit, with whom I live next to”; boys prefer to be friends with boys, and girls - with girls); the high masculinity of girls decreased significantly in the experimental classes, while among boys this indicator increased markedly in these classes; the levels of formation of masculinity qualities in boys and femininity in girls in the control groups changed positively, but only slightly; the level of formation of gender culture among the subjects of experimental group increased significantly, the majority of children in the control groups had low and medium levels of formation of gender culture.
The results of this survey show a positive trend in the levels of effectiveness of differentiation of elementary school children, while respecting the complex pedagogical conditions: the organization of the educational process in elementary school, taking into account the age and gender characteristics of students and the half-differentiated attitude to learning; to equip teachers with modern social and humanitarian knowledge about the differentiation of education, its structure, characteristics and quality indicators at various stages of the organization of the educational process; the formation of a gender culture of elementary school children, the most important component of which is conscious positive gender behavior that corresponds to the biological sex and is based on respect, recognition of the dignity of both sexes, and the uniqueness of the male-female identity as a subject of relationships; the interaction of school and family in order to develop the psychological and practical readiness of parents to solve the age and gender problems of elementary school children and to harmonize the relationship of the sexes through the formation of a culture of their relationship.

According to the results of diagnostics, there is observed the dynamics of indicators for each criterion of efficiency (motivational, activity, effective). With a set of specified pedagogical conditions, the effective implementation of differentiation of education of elementary school children is possible.

The main findings of the study are presented:

1. Analysis of philosophical, psychological and pedagogical literature allows us to conclude that in modern Russian society the problem of differentiation of education is of particular relevance due to the urgent need to update the education system.

2. In Russian society, there is a contradiction of views on the separation of boys and girls from the moment of its appearance to the present, while in the West it has a strong pedagogical tradition.

3. Sexual differentiation of education in modern conditions is understood as a form of organization of the educational process in which students group together in a lesson based on the psychophysiological characteristics of boys and girls to perform tasks in different ways, taking into account the goals and objectives of training.

4. The pedagogical conditions of the effectiveness of differentiation of education, ensuring the effectiveness of learning process, taking into account the characteristics of younger schoolchildren are: the organization of educational process in elementary school, taking into account the age and gender characteristics of students and the half-differentiated attitude to learning; to equip teachers with modern social and humanitarian knowledge about the differentiation of education, its structure, characteristics and quality indicators at various stages of the organization of the educational process; the formation of a gender culture of elementary school children, the most important component of which is a conscious positive gender behavior that corresponds to the biological sex and is based on respect, recognition of the dignity of both sexes, and the uniqueness of the male/female individuality as a subject of relationships; interaction of school and family in order to develop the psychological and practical readiness of parents to solve the age and gender problems of elementary school children and to harmonize gender relations based on the formation of a culture of their relationship.

The study confirmed the main provisions of the hypothesis; however, they do not exhaust all the issues related to the study of the effectiveness of the process of differentiation of education of elementary school children.

In the course of the study and understanding of its results, new tasks were outlined, the solution of which is fundamentally important: further search and specification of signs and indicators by which the effectiveness of activities of teachers and students in the framework of differentiation of education should be assessed; scientific-theoretical and organizational-methodological support of the process of preparing teachers for the implementation of differentiation of education in the educational space of school (in the system of advanced training of educators).

DISCUSSION

The basic reason to make a detailed analysis of differentiated education of elementary school children is the pedagogical conditions. The research has shown that the problem is considered as one of the most important in the world. Of course, the special teacher training, i.e. professional and personal qualifications of teachers contribute to the effective solution of the problem of the implementation of a differentiated approach in teaching elementary school children.

Various aspects of the problem of sex education are reflected in the scientific work of researchers such as V. E. Kagan, A. G. Khripkov; trends in the development of gender differentiation of education in general educational institutions of the Republic of Tatarstan (1985-2000) are revealed in the study of Sh. F. Sheymardanova; gender education of teachers and their preparation for the implementation of a gender approach in education are revealed in the works of L. B. Rosova, L. V. Shtyleva, L. P. Shustova, E. R. Yarskoy-Smirnova. However, the analysis of scientific papers on this issue showed us that this problem is not sufficiently considered.

SUMMARY

In our study, pedagogical conditions for the implementation of a differentiated approach in teaching elementary school children were developed. It had the following structure: the organization of educational process in elementary school, taking into account the gender-racial characteristics of students and a semi-differentiated attitude to learning; to equip
teachers with modern social and humanitarian knowledge about the sexual differentiation of education, its structure, characteristics and quality indicators at various stages of the organization of the educational process; the formation of a gender culture of younger schoolchildren, the most important component of which is a conscious positive gender behavior appropriate to the biological sex and based on respect, recognition of the dignity of both sexes, the uniqueness of the male / female individuality as a subject of relationships; the interaction of school and family in order to develop the psychological and practical readiness of parents to solve the age and gender problems of elementary school children and to harmonize the relationship of the sexes through the formation of a culture of their relationship.

CONCLUSIONS

The research is revealed that with a set of specified pedagogical conditions, the effective implementation of a differentiated approach of education of elementary school children is possible and effective.

In the course of the study and understanding of its results, new tasks were outlined, the solution of which is fundamentally important: 1) further search and specification of signs and indicators by which to evaluate the effectiveness of teachers and students in the framework of differentiated approach of education; 2) scientific and theoretical, organizational and methodological support of the process of preparing teachers for the implementation of differentiated approach of education in the educational space of school (in the system of advanced training of education workers).

ACKNOWLEDGMENT

The work is performed according to the Russian Government Program of Competitive Growth of Kazan Federal University.

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