



THE IMPORTANCE OF AN INDIVIDUAL APPROACH IN MODERN EDUCATION.

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Abstract. This article extensively discusses the intellectual development of primary school students based on an individual approach, and the extreme importance of an individual approach in modern education.

Keywords : individual approach, primary school , intelligence, skills, knowledge, abilities, creativity.

Introduction . In the global education system, artificial intelligence plays an important role as a theoretical mechanism that manages and improves the individual approach in clarifying the didactic stages of intellectual development of students based on an individual approach, improving the talents and abilities of students based on an innovative approach, especially in the continuous education system, expanding the opportunities for independent learning of schoolchildren, developing educational and cognitive activities focused on the student's personality based on modern educational technologies, and developing students' theoretical knowledge, practical skills, qualifications and competencies .

In the world student directing young people to scientific and research activities, training highly qualified personnel in educational areas, developing their independent scientific and creative approach to each type of activity, developing their competencies in applying the received innovations, science, ensuring the integration of education and production, an individual approach based on student intellectual potential development , self-development in them through the formation of basic competencies , improvement of intellectual-cultural and socio-pedagogical mechanisms, development of didactic support serving intellectual development as a matter of urgency is being considered .

Supporting talented youth in the new Uzbekistan is one of the important tasks in the development of modern education, recognized as a priority area of socio-economic development, which is being addressed at the level of state policy ¹⁹. Also, consistent measures are being implemented in our country to support promising youth, realize their talents, and effectively launch scientific and research activities.²⁰ A number of normative documents are aimed at developing and supporting the didactic possibilities of individualized

¹⁹Resolution of the President of the Republic of Uzbekistan. On measures to improve the system of attracting young people to the field of science and supporting their initiatives. No. PQ-4433. 08/30/2019. National database of legislative documents, 05/04/2019, No. 07/19/4306/3078.

²⁰Resolution of the President of the Republic of Uzbekistan. On measures to identify talented youth and organize a continuous system of training highly qualified personnel. No. PQ-4306. 03.05.2019. // <https://lex.uz/docs/4320713>.



teaching, especially pedagogical mechanisms for ensuring the effectiveness and sustainability of individual educational processes for students of primary school age .

Main part. Improving the quality of education in our country, improving the curricula of secondary schools, educational and methodological literature based on international requirements, in particular, developing the primary education process based on artificial intelligence tools, is one of the pressing issues. In particular, the Decree of the President of the Republic of Uzbekistan No. PF-5712 “On approval of the Concept for the Development of the Education System until 2030”, the Decree of the President of the Republic of Uzbekistan No. PF-60 dated January 28, 2022 “On the New Development Strategy of Uzbekistan for 2022-2026”, This dissertation work will serve to a certain extent in implementing the tasks set forth in Resolution No. PQ-4199 of February 20, 2019 "On the Opening of Presidential Schools in Order to Develop the Intellectual and Creative Potential of Youth, Support and Encourage Talented Youth " and other regulatory and legal documents related to this activity.

Compliance of the research with the priority areas of the development of science and technology of the republic. This research was carried out within the framework of the priority area of the development of science and technology of the republic I. “Formation of a system of innovative ideas and ways of their implementation in the social, legal, economic, cultural, spiritual and educational development of an informed society and a democratic state”.

The level of study of the problem. On the issues of intellectual development of students in education, Yu.M.Asadov [13] , O.P.Aslanova [19] , J.Yo'ldoshev [47] , G.Ne'matova [68] , Z.Nishonova [69] , Sh.S.Sharipov [85] , A.S.Abdusamatov [102] , R.Ibragimov [38] , M.K.Qalandarova [80] , [M.M.Vahobov [105] , R.G.Safarova, U.Musayev [120] , N.R.Rustamova [146] , EG'. Ghaziyev, A. Jabborov [149] , MGDavletshin [106] , N.Sh.Turdiyev [131] , DMZhakimova [138] , R.G.Safarova [119] and S.Rakhmonkulova [117] were engaged in it.

In the countries of the Commonwealth of Independent States (CIS), M.V. Aleshina [14] , S.S. Bakulevskaya [24] , O.M. Dyachenko [34] , N.S. Leytes [45] , Ye.A. Bogdanova [26] , Ye.A. Vedeneeva [29] , NPGoncharuk [31] , AAMakarenka., NN Surtayeva [54] , ISOrdynkina [73] , Yu.M.Orlov [74] , ONPerelygina [111] , IVRabotin [104] , Ye.A. Seliverstova [124] , RUSunnatova [128] , and MAXolodnaya [139] have pointed out that it is the main factor in the intellectual development of students .

K. Rogers, J. Freyberg [96] , R. Gott, R. Roberts on improving the intellectual activity of students in foreign countries [97] , J. Delorf [98] , L. Saetlar, P. Paul [99] , E. Fogel, D. Halperin [100] , Studied by scientists such as MSBoysen, T.Larsen, Ch.Does [101] .

This is in primary education requires conducting scientific research on the intellectual development of students based on an individual approach .

The subject of the study is elementary school. It constitutes the content, form, methods and means of improving the specific characteristics of intellectual development of students based on an individual approach .



Research methods. The research process used theoretical (analytical, comparative, analogical, modeling, artificial intelligence (AI) tools), diagnostic (questionnaire, test, observation, design), prognostic (assessment, generalization of knowledge), experimental and mathematical analysis (statistical processing of data, graphical representation of results) methods.

The scientific novelty of the study is as follows:

primary school cognitive, creative, reflective and active components based on a logical structure of intellectual development of students based on an individual approach and assessment to develop the effectiveness of the criteria aimed at the content of educational and cognitive activities has been clarified;

The system of diagnostic-adaptive (individual development map, differentiated tasks) and productive-creative (problem situations, intellectual projects) educational activities, which serve the intellectual development of primary school students based on an individual approach, has been improved based on the Intelli School artificial intelligence program .

The organizational-functional model based on artificial intelligence in primary education is systematized on the basis of diagnosing and assessing students' knowledge and skills , creating didactic situations, consistently organizing intellectual activity , and creating an effective integrative-didactic environment aimed at improving students' creative thinking ;

primary school Experimental work aimed at the intellectual development of students based on an individual approach was developed on the basis of the Intelli School AI Lab platform, which is based on the Intelli School artificial intelligence program , a logical structure of the pedagogical process and a person-centered education system .

The practical results of the research are as follows:

primary school intellectual development of students based on an individual approach structure and components clarified ;

primary school A functional model of intellectual development of students based on an individual approach has been developed;

primary school A textbook entitled " Inclusive Education " has been published, aimed at the intellectual development of students based on an individual approach;

primary school The "Intelli School AI Lab" platform has been developed based on the Intelli School artificial intelligence program for the intellectual development of students based on an individual approach .

Reliability of research results. Elementary school aimed at the intellectual development of its students based on an individual approach It is determined by the fact that theoretical information is obtained from official sources, is based on the work of scientists from our country and foreign countries, as well as practitioners, the effectiveness of the presented analyzes and experimental work is confirmed using mathematical and statistical methods, conclusions and recommendations are developed and put into practice, and the results obtained are approved by authorized organizations .





Scientific and practical significance of the research results : The scientific significance of the research is primary school. The didactic features of the pedagogical process, aimed at improving the specific characteristics of the intellectual development of students based on an individual approach, are based on the development of ways to create didactic situations, generate motivation, organize intellectual activity, and intellectual development of the content of the pedagogical process in students based on artificial intelligence .

The practical significance of the research is primary school. to organize an educational and cognitive process aimed at the intellectual development of students based on an individual approach , to provide it methodologically, to improve curricula, textbooks and methodological manuals based on innovative educational technologies, to train students based on artificial intelligence intellectual development, practical activities, and future elementary school teachers and students can use it as practical recommendations for intellectual development based on an individual approach .

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